Report on the Quality of Marine Surface Observations

Report Number 31

January to June 2004

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REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2004

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1. INTRODUCTION

In 1985, the Commission for Basic Systems (CBS) agreed that there was a need for GDPS / Global NWP centres to monitor the quality of observations available on the GTS and to exchange monthly lists of stations providing seemingly erroneous data. In 1988 three lead centres were nominated which would have a co-ordinating role of producing, at six-monthly intervals, consolidated lists of suspect stations for given data types together with information on the nature of the error. The Met Office was allocated the role as lead centre for marine surface observations which encompass observations from ships, drifting buoys, moored buoys and other fixed marine platforms. This is the thirty-first of its reports and covers the period January to June 2004. For each observing platform identified as suspect, values are supplied for the number of observations received at the Met Office, the number of these observations with gross errors, the observations' mean differences from the background values used by the numerical data assimilation system and the standard deviations of these differences.

Following the CBS recommendations, by the end of the 1980s there were four centres active in the monthly exchange of monitoring information; The Met Office, ECMWF, RSMC Tokyo and NCEP. Since then, a number of other centres have also begun to exchange this information and these reports have included data provided by Météo-France as of report number 23. Initially, the only monitoring information exchanged on marine surface observations related to pressure, and the first two WMO reports addressed that parameter alone. Since then, these reports have contained monitoring statistics for wind observations, now being exchanged between centres on a consistent monthly basis. In addition, the report contains monitoring results for sea-surface temperature (SST). Due to changes in the observation processing system and database structure, there was no monitoring of SST data at the Met Office from May 1998 to September 2000. The SST information presented in reports 20 to 23 was therefore compiled, with permission, from the monthly NCEP monitoring data and so is not directly comparable with that presented in other reports. SST monitoring was reinstated at the Met Office from October 2000.

2. MONITORING METHODS

Errors in observations may arise from a number of sources: the instrument may be malfunctioning, figures may be mistaken while being transferred manually, or there may be corruption of data during transmission. Errors can also arise in the pressure report if the adjustment to sea level is made incorrectly or not at all, and a poorly sighted anemometer can result in errors in the observations of wind. For SST observations, the depth at which the observation is made can be crucial. 'Surface' observations from buoys are usually made at a depth of around 0.5m, whereas ships may take a measurement between a depth of 10m and the surface, depending on the method used. At present, there is no indication given within the report of the observation's depth, so it is not possible to determine the significance of this factor. (By contrast, satellites measure the temperature of the ocean's 'skin' which is generally slightly cooler than the temperature immediately beneath, by several tenths of a °C, as a result of evaporative cooling and other surface processes.)

Some errors can be detected by applying checks on the code format and the internal consistency of the report (for example: are the position and pressure consistent with a report 6 hours earlier?). Checks on spatial consistency are possible if there are other nearby observations. However, such quality checks are unable to identify errors on all occasions and it is recognised that the numerical data assimilation systems in use today can provide global reference values applicable in observation monitoring. The short-term forecast from the previous numerical analysis, commonly known as the first-guess or background field, provides perhaps the most useful information on observation quality, as it represents an accurate and spatially consistent estimate of the observed value which is independent of the observation itself. Observation-minus-background (hereafter referred to as O-B) differences are at the core of all monitoring work by GDPS centres. Unlike wind and pressure, SST monitoring at the Met Office used to be performed against the analysis field, this being judged a sufficiently good approximation due to the slowly varying nature of SST, relative to parameters measured above the surface. As of October 2000, background values have been used but with the slowly varying nature of SST used to assume persistence, such that the background is in fact the previous analysis. (These analyses are performed daily at the Met Office from an assimilation of both surface and satellite observations.) Thus the SST monitoring at the Met Office is no longer limited by a dependence upon the observations themselves.

Taking all marine surface observations together, the values of O-B have distinct characteristics. The vast majority of the observations show quite small departures from background and the distribution of O-B is nearly Gaussian, with little or no bias. The errors in the background field probably contribute most to the values of O-B for these observations. There is often, however, a smaller group of observations departing much more from the background, for which observation error is the only reasonable explanation for the large values of O-B. Studies of the distribution and variation of O-B at different points around the globe enable reasonably accurate estimation of background error, and this provides the basis for the monitoring methods described here. Those marine observing platforms for which, in a sufficiently large sample, the observed values differ from the background by an amount significantly in excess of the estimate of background error, may be labelled as suspect with a high degree of confidence. The limits used here to identify suspect observing platforms have been set sufficiently stringent to preclude much likelihood of the background, rather than the observations, being in error.

Each monitoring centre produces a monthly list of the identifiers of marine observing platforms considered suspect according to the departure from the model background values. All observations, both synoptic and asynoptic, are assimilated. At the Met Office (as of May 2000) and ECMWF, the background fields are interpolated to the observation time whereas Météo-France, Tokyo and Washington, use the background value valid at the nearest main synoptic hour.

Given that the number of observations made during the month is at least 20, then the condition used by all centres for obtaining platforms for the suspect lists is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥4.0 hPa
2. the standard deviation of O-B	≥6.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	$\geq 5.0 ms^{-1}$	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥80°	(Direction)
3. the percentage of gross errors	≥25	

Gross errors are defined as observations that depart from the background by more than 15hPa (Pressure) or $25ms^{-1}$ (Vector Wind). The mean and standard deviation of the samples are evaluated excluding gross errors and in this way occasional 'wild' values resulting from, for example, corruption during transmission, do not influence the sample characteristics. Direction statistics are also calculated excluding values in light winds, where either the observed or background speeds are less than $5ms^{-1}$.

Relatively little information is exchanged between centres on a regular monthly basis for SST.

The monthly results for pressure from all five monitoring centres show considerable agreement, both on the observing platforms listed as suspect and the values of the mean and rms difference from each centre's background. Differences between the monthly suspect lists are usually due to the different numbers of observations available at each centre. The cut-off varies between 6 and 24 hours. There are also some unexplained variations in the data receipt between the centres, which may be due to problems in the GTS or in the local procedures for handling the data. Monitoring results for wind speed also show reasonable agreement on the mean and standard deviation from each centre's background; there is less agreement as to which platforms are listed, reflecting the greater uncertainty when monitoring wind speed.

This report draws together all the monthly monitoring results exchanged on marine surface data and identifies a list of observing platforms that have provided observations of poor quality over the 6-month period. In drawing up this list, there have been a number of guiding principles:

1. As with the monthly lists, accuracy is assessed relative to background values.
2. Observing platforms are listed only where there is a very high degree of confidence that the observations rather than the background values are in error.
3. At least 40 reports are required over the period in which the observations are considered suspect.
4. The perceived accuracy over the last part of the six-month period is of greatest importance; observing platforms are not listed if there has been recent improvement and their reports are at present without major error.
5. Given that the number of observations made during the period is greater than or equal to 40, then the condition for listing a platform as suspect in this report is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥3.5 hPa
2. the standard deviation of O-B	≥5.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	≥5.0ms^{-1}	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥6.0ms^{-1}	(Speed)
	≥60°	(Direction)
3. the percentage of gross errors	≥25	

SST

1. the | mean of O-B |	≥3.0 °C
2. the standard deviation of O-B	≥5.0 °C
3. the percentage of gross errors	≥25

All observations having gross errors are excluded from the calculation of the mean and standard deviation of O-B. The same gross error limits apply in these reports as in the monthly lists. The Met Office now sets a limit of 10°C for SST but this was previously 5°C and NCEP use 15°C. Also, criteria previously used in these reports were based on O-A statistics. Data presented here is, then, not directly comparable with that in earlier reports.

The limits on the bias and standard deviation O-B are more stringent than those for the monthly lists because the sample sizes are larger. If there has been a recent change in quality, they are only applied at the end of the period. Identifiers can be listed in this report without appearing on any of the monthly lists. This is can be due to a representative sample only being obtained over several months or deterioration occurring at the end of the period for platforms reporting very frequently. The 6-month list is longer than most of the monthly lists because many ships cease reporting for variable periods of time, in many cases while they are in port or out of service. Only over a relatively long period, probably more than 6 months, is a representative sample obtained from all those ships providing observations.

3. MONITORING RESULTS

The monitoring results presented in this report relate only to data exchanged over the GTS. Observations from marine platforms are transmitted in one of two formats: the SHIP code, used for most observations from ships, moored buoys and other fixed platforms, and the BUOY code, used mostly for observations from drifting buoys. In this report, the term "ship observations" refers to those received in the SHIP code and the "drifting buoy observations" to those received in BUOY code. The SHIP code indicates whether the observation was made manually or by an automatic system and accordingly the sub-divisions "manual ship" and "automatic ship" will be defined.

3.1 Pressure

In the six-month period, January to June 2004, 2124780 observations of pressure were monitored at Bracknell from 3172 manual ships, 499 drifting buoys, and 428 automatic ships. The number of reports received from individual ships varies greatly as Table 1 demonstrates; apparently, a large percentage only report once. The reason for this is unclear but it may be a result of errors in the part of the message giving the ship identifier. A comparison with the corresponding table in report number 30 shows a drop in the number of manual ships and drifting buoys, partly accounted for by a decrease in the number of identifiers reporting only one observation, whilst the number of automatic ships contributing reports rose again. Since most marine observations are located in the northern hemisphere, there is inevitably some seasonal variation in the number of vessels reporting, especially in the case of buoys, since new or replacement buoys are generally deployed in better weather conditions. Considering the general trends over previous reports, however, Figure 1 shows that although the total number of pressure observations dropped slightly compared to the previous period, it was still consistent with the upward trend of the last 10 years.

Table 2 shows the number of observations of pressure that have been received over the GTS at the Met Office and processed, over past 6-month periods. Due to changes in data storage methods in May 1991, report number 5 covered the period January to May 1991 only, thence figures for January to June 1991 have been scaled-up in order to make a fair comparison with other 6-month periods; this may not be entirely accurate. Further changes in November 1993 for drifting buoys and automatic ships for pressure and winds, may have allowed duplication of a few identifiers in totals for the period June to December 1993, as reclassification from one observation type to another occurred. The observation distribution shown in Table 2 will also have been affected in the long term with a slight shift towards drifting buoys; no duplication of observations occurred however. (SST observations were not affected by the November 1993 change.) The period January to June 1998 is also based on only 5 months data (February-June), but the numbers of observations received have been scaled up, as in the 1991 case.

Figure 1 shows the information presented in Table 2 more clearly. It can be seen that the total number of observations remained fairly steady with only minor fluctuations until report number 11 (January-June 1994). Since that time however, there has been a steady increase in the total, with the number of observations of pressure nearly doubling between reports 11 and 16 (July-December 1996), a period of just 2.5 years. This increase was due to the larger number of reports from each drifting buoy, as reliability has improved; many drifting buoys now make several thousand observations of pressure during a 6-month period. The number of reports from drifting buoys now exceeds those for manual ships by around 151 %, with a little over 50 % of all marine pressure observations now being made by drifting buoys. The sudden increase seen in the number of automatic ships in report number 19 (January-June 1998) was due to observation processing changes at the Met Office, whereby all reports from 'automatic ships' are processed, rather than only one report per 6-hour assimilation period, as previously. Since then there has been a steady increasing trend in the total number of pressure reports.

A histogram of O-B differences for all ship pressure reports in the period January to June 2004 is shown in Figure 2a, together with the Gaussian distribution with the same mean and standard deviation. Although almost all values fall within the range +5 to -5 hPa, a small number of much larger values, presumably resulting from erroneous observations, contribute to the large standard deviation of the population. The distribution for all those observations which fail the automatic quality-control checks is broad (Figure 2b). The remaining 93.8 % of the observations, that pass the quality checks, show a distribution of O-B which is very close to Gaussian (Figure 2c) with mean 0.0 hPa and standard deviation 1.3 hPa. The principal contribution to the standard deviation is assumed to be from background errors.

A global estimate of the background error, such as that provided above, can conceal large spatial variations. Background values will be more accurate in data-rich areas (e.g.: in the North Sea or Mediterranean) or where the meteorological variability is low (e.g.: the tropics). The geographical distributions of the mean and standard deviation of the values of O-B from all ship observations which pass the quality-control checks, have been calculated for 10-degree latitude-longitude boxes and are plotted in Figures 3 and 4. In most areas, the magnitude of the mean is less than 1.0 hPa, the exceptions being generally where the sample size is small. The standard deviation is generally around 1.5 hPa. The number of ship pressure reports accepted by the model quality control in each 10-degree box is shown in Figure 5.

Table 3 contains a list of those ships and drifting buoys considered to have produced suspect observations of pressure in the period January to June 2004. Values over the six-month period are given for the number of observations of pressure available for Met Office global model runs, the number of observations differing from the model background value by more than 15 hPa (gross errors), and the mean and standard deviation of the model O-B. The number of times the identifier has appeared on the monthly suspect lists from the five monitoring centres is also given. In order to give a detailed picture of the frequency of reporting and any changes in the observation accuracy, 6-month time-series of O-B differences are given at the end of the report for each of the identifiers listed.

An interesting characteristic of the errors identified here, which soon becomes obvious on inspection of the time-series charts at the end of this report, is that most can be attributed to a bias in the observed pressure. In many cases, the bias is constant over the whole monitoring period; although some values depart greatly from the sample mean, presumably due to some gross error in the observation, these are generally isolated instances. In only a few cases are there regular large random departures from background. Those observing platforms listed in Table 3 which appeared in report number 30 (July to December 2003) have been indicated with an asterisk. A comparison of the statistics given here with those in the report number 29 (January to June 2003), clearly indicates that the bias in the pressure observations from a few ships has hardly changed for more than a year.

Statistics for those marine observing platforms listed in report number 30 and which do not appear in Table 3b, are given in Table 4 along with comments on the quality of their pressure observations. Time-series charts of the pressure observations from these platforms are not given. Less than 40 reports were received in the 6-month period for many of the ships on this list. Approximately 0 % of them, however, do show some improvement in the quality of their observations.

3.2 *Wind*

Monitoring observations of wind is more problematical than pressure. On most observing platforms, wind is measured using anemometers; the reported speed depends upon the averaging period and instrument height above sea level, which varies a great deal between platforms. Since large structures distort wind flow, the anemometer position relative to the wind bearing and platform structure does affect the measurement. (These factors do not apply to those ship observations where wind speed is based on visual estimates of the sea state e.g. the UK VOF fleet.)

In these monitoring results, the background winds are valid at a height of 10 metres above mean sea level; slightly lower than the average height of ship anemometers. Where anemometer height is much different from 10 metres, a significant O-B speed bias may be evident. Examples of this are, observations from oil rigs or tankers with anemometer heights of 50m or more (although the speeds reported by some rigs are now adjusted on board to be nominal 10m values) and buoys, where the anemometer can be as low as 2m.

In the period January to June 2004, 1117513 wind observations were available for monitoring at Bracknell, from 3213 manual ships, 84 drifting buoys, and 478 automatic ships. (More detail is given in Table 1.) The number of reported manual ship identifiers has dropped since the previous period, partly due to a further reduction in the number of identifiers reporting only 1 observation. As stated for pressure observations, the large increase in the number of monitored wind observations, seen in report number nineteen, was largely due to the inclusion of all 'automatic ship' data, not just one report in each six hour period.

Histograms of O-B differences for ship observations of wind speed are presented in Figures 2d, 2e and 2f and of wind direction in Figures 2g, 2h and 2i. As with observations of pressure, those wind observations that fail the quality-control checks differ most from background, some by as much as 50 ms^{-1}, and they make a large contribution to the variance of O-B. The distributions of O-B wind speed and direction for the remaining 93 % of the observations are nearly Gaussian. There is a speed bias of 1.2 ms^{-1} relative to background, with a direction bias of just -1.7°.

Figures 6 and 7 show the geographical distributions over the six-month period of the mean and standard deviation of O-B for ship observations of wind speed that pass the quality-control checks. The numbers of wind reports used to generate these statistics are presented in Figure 8. The standard deviation of O-B wind speed is typically 2.5 to 4 ms^{-1} in middle latitudes and 2 to 3 ms^{-1} in the tropics. The bias is generally around +1 ms^{-1}, but exceeds +2 ms^{-1} in a few places. Similar distributions of the mean and standard deviation of O-B wind direction are shown in Figures 9 and 10. Only reports where both the observed and background wind speeds are greater than 5ms^{-1} were used to obtain these values. The magnitude of the bias is less than 10 degrees in most places. The standard deviation is generally between 20 and 30 degrees globally but in some data-sparse areas, it is as large as 40 or 50 degrees. The numbers of reports of wind direction used to generate these statistics are presented in Figure 11.

Figures 6-11 provide reference values against which to compare the O-B characteristics for different marine observing platforms. Table 5 contains a list of those ships and drifting buoys considered to have produced suspect observations of wind speed in the period January to June 2004, and in Table 7 a similar list is provided for wind direction. Values are given for the number of observations of wind received at the Met Office, the number of observations having a vector difference from background of more than 25ms^{-1} (gross errors), and the mean and standard deviation of O-B. Time-series of O-B are given at the end of the report for each listed identifier. In the majority of the cases of suspect speed observations, a constant bias is clearly evident. Errors in observations of direction are more random in nature. Tables 6 and 8 contain statistics for platforms reporting in ship code which are not included in Tables 5 and 7 but that

were listed in the previous report, for wind speed and direction respectively. Time-series plots for these identifiers are not included in this report.

3.3 Sea-surface temperature

In the six-month period January to June 2004, a total of 2583304 observations of SST were monitored at the Met Office, from 2722 manual ships, 1191 drifting buoys and 306 automatic ships. Of the total, 352521 were from manual ships, 1752952 from drifting buoys and 477831 from automatic ships. (More detail is given in Table 1.) For the same reasons as stated for pressure observations, it appears that many identifiers report only once during the six-month period. There were drops in the number of both manual and automatic ships reporting SST's, whilst the number of drifters continued to rise, which together with their more frequent reports mean that they now contribute a substantial percentage of the total number of SST observations received.

Histograms of O-B differences for all ship SST reports are shown in Figures 2j, 2k and 2l. As with observations of pressure and wind, those SST observations that fail the quality-control checks differ most from background and make a large contribution to the variance of O-B. The distribution of O-B SST for the remaining 87 % of the observations is nearly Gaussian. There is a bias of 0.1 °C relative to background.

Figures 12 and 13 show the geographical distributions over the three-month period of the mean and standard deviation of O-B for ship observations that pass the quality control checks. The numbers of reports used to generate these statistics are presented in Figure 14. The bias is generally around 0.5°C and the standard deviation 1 to 2°C. Particular exceptions to this tend to show up where the number of observations is relatively low.

Table 9 contains a list of the ships and drifting buoys considered to have produced suspect observations over the 6-month period. The comments given in each case provide an indication of the main reason for the station to be listed as suspect; time-series charts have also been plotted for SST and are included at the end of the report. The majority of the identifiers appearing on the list do so because of bias. Table 10 gives details of the performance over the latest 6-month period of ships which were considered suspect in the previous period but which do not appear in Table 9.

4. SUMMARY

106 marine observing platforms are listed as producing suspect observations of pressure over the period January to June 2004, 110 as producing suspect wind observations and 139 as producing suspect SST observations. The first report issued by RSMC Bracknell, for the period January to June 1989, listed 150 marine platforms producing suspect observations of pressure. With the selection criteria remaining unchanged, an initial reduction in the number of platforms listed as suspect was followed by a series of reports listing similar numbers of suspects but this most recent report (31) does show a reduction in suspects for all three variables, which might indicate the start of a downward trend, although this would need to be confirmed in subsequent periods. When considered alongside the fluctuations in numbers of platforms reporting and observations monitored, this trend does not, it seems, represent decreasing observation quality. Over the same period, there have been increasing numbers of wind observing platforms listed as suspect, although this also appears not to be a worrying trend.

The most common characteristic in the case of identifiers listed as producing suspect pressure observations is bias in the reported pressure, sometimes remaining constant for many months. In the case of wind suspects, the most common reason for listing a platform is a bias in the reported wind speed, while a few show large standard deviations or biases in wind direction. For sea-surface temperature observations, bias is again the most common cause of error.

The selection criteria have been set sufficiently stringent to ensure that the platforms listed are only those for which there is a high degree of confidence in their reports having errors. There are many others, not listed here, for which there must be considerable doubt over the quality of the observations. A wider range of monitoring results is available from the Met Office on request.

TABLE 1: FREQUENCY DISTRIBUTION OF THE NUMBER OF REPORTS OF PRESSURE, WIND AND SEA SURFACE TEMPERATURE FROM INDIVIDUAL IDENTIFIERS AVAILABLE FOR MONITORING AT BRACKNELL, JANUARY TO JUNE 2004.

Number of reports	Number of manual ships reporting			Number of drifting buoys reporting			Number of automatic ships reporting		
	Press.	Wind	SST*	Press.	Wind	SST*	Press.	Wind	SST*
1	564	570	466	12	13	17	64	66	29
2-10	437	447	380	10	7	14	34	32	13
11-20	162	163	175	4	1	12	7	9	2
21-40	276	280	245	3	1	14	10	12	5
41-100	523	544	504	13	2	58	25	30	13
101-200	626	630	518	24	5	48	39	34	8
201-500	479	479	342	47	17	136	31	75	70
501-1000	47	48	44	47	6	162	42	43	18
1001-1500	26	26	16	51	5	313	39	40	34
1500+	32	26	32	288	27	417	137	137	114
Total	3172	3213	2722	499	84	1191	428	478	306
(Report 31)	(3172)	(3213)	(2722)	(499)	(84)	(1191)	(428)	(478)	(306)

* numbers are for automatic (fixed) buoys only

TABLE 2: NUMBER OF OBSERVATIONS OF PRESSURE RECEIVED AT BRACKNELL ON THE GTS FOR EACH OF THE SIX-MONTH PERIODS COVERED BY THE WMO REPORTS ON THE QUALITY OF MARINE OBSERVATIONS.

Period	WMO report number	Number of Observations			
		Manual ships	Drifting buoys	Automatic ships	Total
Jan - Jun 1989	1	424087	174971	40082	639140
Jul - Dec 1989	2	421315	151972	58016	631303
Jan - Jun 1990	3	424335	177927	63847	666109
Jul - Dec 1990	4	412430	205488	71146	689064
Jan - Jun 1991	5	364760	177069	64401	606230
Jul - Dec 1991	6	348710	148604	68456	565770
Jan - Jun 1992	7	332443	216872	73893	623208
Jul - Dec 1992	8	336958	247873	80862	665693
Jan - Jun 1993	9	340293	288208	77317	705818
Jul - Dec 1993	10	348082	316261	88650	752993
Jan - Jun 1994	11	334134	279963	111928	726025
Jul - Dec 1994	12	383760	305618	142468	831846
Jan - Jun 1995	13	369781	407111	124537	901429
Jul - Dec 1995	14	394016	528938	138653	1061607
Jan - Jun 1996	15	430162	566035	122909	1119106
Jul - Dec 1996	16	477928	621869	133221	1233018
Jan - Jun 1997	17	446530	623835	122178	1192543
Jul - Dec 1997	18	453399	684292	140227	1277918
Jan - Jun 1998	19	426622	700743	423217	1550582
Jul - Dec 1998	20	443548	700239	497313	1641100
Jan - Jun 1999	21	432506	697983	466311	1596800
Jul - Dec 1999	22	448996	771624	500070	1720690
Jan - Jun 2000	23	443023	772510	455799	1671332
Jul - Dec 2000	24	477828	829588	512338	1819754
Jan - Jun 2001	25	458345	784686	465887	1708918
Jul - Dec 2001	26	473887	914744	554002	1942633
Jan - Jun 2002	27	443876	1111699	517200	2072775
Jul - Dec 2002	28	544433	952313	595959	2092705
Jan - Jun 2003	29	432672	994877	506185	1933734
Jul - Dec 2003	30	473591	1128039	605241	2206871
Jan - Jun 2004	31	435824	1092461	596495	2124780

TABLE 3: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT PRESSURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2004.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of pressure observations.

Notes:
1. Units are hPa.
2. Observing platforms marked with an asterisk were listed in the previous report July to December 2003)

Table 3a: Platforms reporting in BUOY code

i): Platforms ***non-operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
12501	1242	38	1.0	0.5	0	0	0	0	-	Bias and GE at end of report
14925	2159	105	3.1	1.7	2	2	2	1	-	Bias and GE at end of report
16575	90	9	4.8	5.2	1	1	1	1	-	Bias and GE
16576	650	18	3.4	3.7	0	0	0	0	-	Bias
16577	1190	51	3.7	-0.6	0	0	0	0	-	SD at end of report
17517	765	11	0.5	0.0	0	0	0	0	-	GE at end of report
17663	1056	2	3.1	1.6	0	0	0	0	-	Bias at end of report
21575	916	86	1.7	-0.8	1	1	1	1	-	Bias and GE at end of report
23697	458	181	3.7	2.5	1	1	1	1	-	GE at end of report
23925	127	1	3.2	0.8	0	0	0	0	-	Bias at end of report
33593	1463	56	3.0	0.1	1	0	1	1	-	Bias, SD and GE at end of report
33613	3267	25	0.8	-0.3	0	0	0	0	-	GE at end of report
44548	184	35	5.2	-0.9	0	0	0	0	-	Bias, SD and GE
44616	691	17	3.1	1.5	1	1	1	0	-	Bias, SD and GE at end of report
44768	729	14	2.9	3.0	1	1	1	0	-	Bias at end of report
33593	1463	56	3.0	0.1	1	0	1	1	-	Bias, SD and GE at end of report
33613	3267	25	0.8	-0.3	0	0	0	0	-	GE at end of report
44548	184	35	5.2	-0.9	0	0	0	0	-	Bias, SD and GE
44616	691	17	3.1	1.5	1	1	1	0	-	Bias, SD and GE at end of report
44768	729	14	2.9	3.0	1	1	1	0	-	Bias at end of report

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
55613	3196	44	2.7	-0.3	1	1	1	1	-	Bias and GE at end of report
56528	2208	232	1.1	0.0	1	1	1	1	-	GE at end of report
56558	3643	69	3.2	2.2	2	1	1	1	-	Bias and SD at end of report
61533	971	13	0.9	0.3	0	0	0	0	-	GE at end of report
61536	480	26	3.8	0.6	0	0	0	0	-	Bias and GE at end of report
62513	1246	37	1.1	0.6	0	0	0	0	-	SD and GE at end of report
64523	2063	54	3.4	0.1	1	1	1	1	-	Bias and GE at end of report
71614	207	106	0.5	0.4	2	1	2	1	-	GE
71618	3221	256	3.4	0.3	1	2	1	1	-	Bias and GE at end of report

ii): Platforms ***operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
17662	4005	0	2.4	1.3	0	0	0	0	-	Bias
25572	1369	381	4.9	1.8	3	3	3	3	-	Bias, SD and GE from April
33658	2974	121	3.3	0.7	0	0	0	0	-	Bias and GE at end of period
52513	1302	110	1.8	0.7	1	0	1	1	-	GE at end of report
52684	294	9	2.7	-10.0	1	1	1	1	-	Bias at end of period
62559	1477	2	1.7	0.1	0	0	0	0	-	Bias at end of period
71599	4023	53	2.3	-0.1	0	0	0	0	-	Bias and SD from May
74541	4432	78	2.2	-0.2	0	0	0	0	-	Bias and GE at end of period

Table 3b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
AUBD	46	0	1.6	6.6	0	0	0	0	-	Bias
AUBE	40	30	9.4	0.7	0	0	0	0	-	Gross Errors
AVOSTEST	1006	534	2.3	-1.3	3	0	3	2	-	Gross Errors from April
A8AL8	132	1	2.0	2.9	0	0	0	0	-	Bias
A8CI3	132	0	2.9	-0.1	0	0	0	0	-	Bias from May
A8DQ9	99	0	1.3	5.2	2	2	2	1	-	Bias
CGDS	1111	21	2.2	0.2	1	0	0	0	-	Bias at end of report
CG2522	674	151	4.6	-3.7	1	0	0	1	-	Bias and GE
CG2992	553	552	0.0	-14.9	2	0	2	1	-	Gross Errors
C6FT9	66	1	4.5	-4.4	0	0	0	0	-	Bias
C6FV3	110	0	1.3	6.1	2	2	2	1	-	Bias
C6FV4	114	0	1.5	8.2	3	3	3	2	-	Bias
C6TC2	186	1	2.6	2.9	3	2	3	0	-	Bias from April
C6YW	58	1	2.6	4.2	1	0	1	1	-	Bias
DARU	120	0	1.6	3.1	0	0	0	0	-	Bias
DBBI	3146	10	1.6	2.9	0	0	0	0	-	Bias
DMRX	197	1	2.4	3.2	3	2	3	1	-	Bias from February
DPUW	104	0	2.1	1.9	0	1	0	0	-	Bias from April
DQVM	172	3	2.3	1.0	1	1	1	0	-	Bias from March
ELSR6	40	0	3.1	-5.5	0	0	0	0	-	Bias
ELVY8	58	0	1.7	-5.2	2	2	2	1	-	Bias
ELZN3	169	5	3.3	4.4	3	3	3	2	-	Bias
ELZZ6	296	1	2.1	2.3	0	0	0	0	-	Bias from March
FNGP	679	0	2.5	0.0	0	0	0	0	-	SD from May
H9LW	125	2	1.6	4.4	2	2	2	2	-	Bias
JHHU	50	0	1.5	-4.2	0	0	0	0	-	Bias
KMJL	209	1	1.7	-3.5	1	2	1	0	-	Bias
KS003	309	0	0.5	5.0	3	2	3	2	-	Bias
KS005	410	0	0.5	-4.1	4	4	3	3	-	Bias
KS006	845	0	0.7	4.7	3	3	4	3	-	Bias
LADQ4	40	12	2.7	-3.0	0	0	0	0	-	Gross Errors
OUQK2	49	0	2.5	5.1	1	0	1	0	-	Bias
OVZV2	158	1	2.7	1.4	0	0	0	0	-	Bias from April
OWTW2	156	0	2.1	2.6	1	1	1	0	-	Bias
OWWS2	76	0	3.8	-1.6	0	0	0	0	-	Bias from April
OXFU2	106	1	1.8	4.0	0	0	0	0	-	Bias
OZTS2	170	0	1.7	2.5	1	1	1	0	-	Bias from May
PBBR	184	0	1.7	1.8	0	0	0	0	-	Bias from May
PGON	44	0	0.9	-13.3	1	1	1	1	-	Bias
PHAA	49	0	2.6	4.2	2	2	1	0	-	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
PHAL	67	1	3.1	-4.5	1	1	1	1	-	Bias
P3NK5	69	0	2.4	-3.5	0	0	0	0	-	Bias
SCFH	137	0	1.8	-2.6	0	0	0	0	-	Bias
SXVF	140	2	2.9	6.8	4	4	4	2	-	Bias
TEST	471	462	5.9	-7.7	5	4	2	0	-	Bias, SD and GE
UANF	51	0	4.6	2.3	1	1	1	1	-	Bias
UCAB	144	1	3.8	0.1	0	0	0	0	-	SD at end of report
UCCH	116	0	1.5	3.4	2	2	1	2	-	Bias
UCTZ	53	11	5.5	-2.8	0	0	0	0	-	Bias, SD and GE
UCUO	111	45	4.6	-6.6	2	2	1	0	-	Bias and GE
UIZE	206	4	6.6	-0.8	2	2	1	0	-	Bias and SD
VOTV	54	13	3.7	-6.7	1	0	1	0	-	Bias and GE
VQBW2	102	1	3.9	2.0	0	0	0	0	-	Bias at end of period
VRXO6	95	4	6.3	-2.4	2	2	1	2	-	Standard Deviation
VRYO2	180	0	1.7	4.9	5	5	5	5	-	Bias
V7CY9	59	0	5.5	-0.5	0	0	0	0	-	Bias
V7JE5	91	1	2.5	3.0	0	1	1	0	-	Bias
WCN4995	81	1	1.7	4.5	1	0	1	1	-	Bias
WCY7054	87	1	1.9	5.4	3	0	3	1	-	Bias
WDCJ	158	2	1.5	2.9	1	0	0	0	-	Bias
WDJK	282	0	1.5	-4.4	6	6	5	3	-	Bias
WMCV	129	0	2.3	-4.9	2	0	2	1	-	Bias
WSRH	284	1	2.0	-4.1	3	4	4	2	-	Bias
WZ3423	49	2	5.3	2.7	1	0	0	0	-	SD from May
ZCAS2	179	0	2.6	3.0	1	1	1	1	-	Bias from June
23093	516	0	1.5	0.4	0	0	0	0	-	Bias at end of report
3FKM8	59	0	2.2	3.8	0	0	0	0	-	Bias
31056	79	59	6.9	-2.7	2	2	2	0	-	SD and GE
62166	227	0	4.7	4.9	3	0	3	0	-	Bias and SD

TABLE 4: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 3 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of pressure observations.

Notes: 1. Units are hPa

Identifier	N Obs.	NGE	SD	Bias	Comments
A8AS7	0	---	---	---	No reports
A8CC4	0	---	---	---	No reports
A8CR9	0	---	---	---	No reports
CG2522	0	---	---	---	No reports
CG2556	0	---	---	---	No reports
CG2992	0	---	---	---	No reports
C6FU5	0	---	---	---	No reports
C6FU6	0	---	---	---	No reports
C6FV4	0	---	---	---	No reports
C6NR5	0	---	---	---	No reports
C6YW	0	---	---	---	No reports
DBBI	0	---	---	---	No reports
DGHX	0	---	---	---	No reports
DQVI	0	---	---	---	No reports
D5XH	0	---	---	---	No reports
ELSR6	0	---	---	---	No reports
ELXT9	0	---	---	---	No reports
JHHU	0	---	---	---	No reports
KMJL	0	---	---	---	No reports
KS005	0	---	---	---	No reports
KS011	0	---	---	---	No reports
KS035	0	---	---	---	No reports
KS037	0	---	---	---	No reports
LAGB5	0	---	---	---	No reports
MANE	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
OULA2	0	---	---	---	No reports
OVUN6	0	---	---	---	No reports
OXFU2	0	---	---	---	No reports
OYGA2	0	---	---	---	No reports
OZFC2	0	---	---	---	No reports
PHKL	0	---	---	---	No reports
P3FZ6	0	---	---	---	No reports
P3NE5	0	---	---	---	No reports
P3NK5	0	---	---	---	No reports
SXVF	0	---	---	---	No reports
S6HU8	0	---	---	---	No reports
TEST	0	---	---	---	No reports
UBXP	0	---	---	---	No reports
UCAC	0	---	---	---	No reports
UCJB	0	---	---	---	No reports
UCJL	0	---	---	---	No reports
UCUC	0	---	---	---	No reports
UCUE	0	---	---	---	No reports
UCUO	0	---	---	---	No reports
UDBK	0	---	---	---	No reports
UDKC	0	---	---	---	No reports
UFNO	0	---	---	---	No reports
UGPK	0	---	---	---	No reports
UHCE	0	---	---	---	No reports
UIAG	0	---	---	---	No reports
UIAH	0	---	---	---	No reports
UIAI	0	---	---	---	No reports
UIDS	0	---	---	---	No reports
UIZE	0	---	---	---	No reports
VCQN	0	---	---	---	No reports
VDRC	0	---	---	---	No reports
VGJD	0	---	---	---	No reports
VOTV	0	---	---	---	No reports
VRUZ6	0	---	---	---	No reports
VTKW	0	---	---	---	No reports
VVGG	0	---	---	---	No reports
V2AF4	0	---	---	---	No reports
V2OB1	0	---	---	---	No reports
V7DY3	0	---	---	---	No reports
WCY7054	0	---	---	---	No reports
WDJK	0	---	---	---	No reports
WSRH	0	---	---	---	No reports
WXKM	0	---	---	---	No reports
16554	0	---	---	---	No reports
16559	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
16570	0	---	---	---	No reports
16574	0	---	---	---	No reports
17510	0	---	---	---	No reports
17524	0	---	---	---	No reports
17567	0	---	---	---	No reports
17653	0	---	---	---	No reports
21906	0	---	---	---	No reports
21907	0	---	---	---	No reports
21908	0	---	---	---	No reports
21909	0	---	---	---	No reports
21910	0	---	---	---	No reports
23505	0	---	---	---	No reports
23597	0	---	---	---	No reports
23600	0	---	---	---	No reports
23928	0	---	---	---	No reports
3FPS9	0	---	---	---	No reports
33600	0	---	---	---	No reports
33611	0	---	---	---	No reports
33614	0	---	---	---	No reports
33630	0	---	---	---	No reports
33651	0	---	---	---	No reports
41502	0	---	---	---	No reports
41505	0	---	---	---	No reports
41643	0	---	---	---	No reports
41649	0	---	---	---	No reports
41651	0	---	---	---	No reports
42047	0	---	---	---	No reports
42565	0	---	---	---	No reports
42567	0	---	---	---	No reports
44615	0	---	---	---	No reports
44622	0	---	---	---	No reports
44741	0	---	---	---	No reports
46512	0	---	---	---	No reports
46657	0	---	---	---	No reports
46707	0	---	---	---	No reports
46780	0	---	---	---	No reports
48585	0	---	---	---	No reports
48589	0	---	---	---	No reports
53561	0	---	---	---	No reports
55609	0	---	---	---	No reports
55612	0	---	---	---	No reports
56523	0	---	---	---	No reports
56530	0	---	---	---	No reports
56537	0	---	---	---	No reports
56556	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
61524	0	---	---	---	No reports
61525	0	---	---	---	No reports
61668	0	---	---	---	No reports
61672	0	---	---	---	No reports
61675	0	---	---	---	No reports
62554	0	---	---	---	No reports
62802	0	---	---	---	No reports
63108	0	---	---	---	No reports
71607	0	---	---	---	No reports
73651	0	---	---	---	No reports

TABLE 5: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT WIND SPEED OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2004.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms $^{-1}$ (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind speed observations.

Notes: 1. Units are ms^{-1}
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 2003)

Table 5a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
41594	2821	1	2.3	-0.5	0	0	0	0	-	Bias at end of report
41647	872	0	3.4	1.9	0	0	0	0	-	Bias at end of report
41655	50	0	4.7	6.6	1	1	0	0	-	Bias
52518	2535	0	2.6	-1.1	0	0	0	0	-	Bias at end of period
52519	827	5	4.9	1.2	0	0	0	0	-	Bias at end of report
52526	879	0	3.4	0.5	0	0	0	0	-	Bias at end of report
52532	632	0	2.9	-2.0	0	0	0	0	-	Bias at end of report
52534	154	22	6.9	1.7	0	1	0	0	-	Bias, SD and GE

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
41590	2954	0	1.7	-0.8	0	0	0	0	-	SD at end of period
44551	3582	7	2.4	0.3	0	0	0	0	-	SD at end of period
52523	2684	13	3.1	-0.8	0	0	0	0	-	Bias and SD at end of period
52530	2739	0	2.1	-2.1	0	0	0	0	-	Bias
52538	2620	0	1.8	-1.5	0	0	0	0	-	Bias at end of period

Table 5b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
C6FU9	42	0	3.1	5.1	0	0	0	0	-	Bias
ELWP8	90	0	4.5	3.3	1	0	1	0	-	Bias from May
ELZL8	366	5	4.0	2.7	0	0	0	0	-	Bias at end of report
GRFP	144	4	7.1	3.2	0	2	0	0	-	Bias and SD from May
LEQZ3	70	0	3.7	4.0	0	0	0	0	-	Bias
MYLZ6	56	0	6.7	3.7	1	0	0	1	-	Bias and SD
OYVQ2	110	2	5.5	5.4	2	1	1	0	-	Bias
PBVO	121	1	3.1	-5.5	1	0	2	0	-	Bias
PDHY	191	0	4.5	2.4	0	0	0	0	-	SD
SCKM	179	1	3.9	3.9	1	1	0	1	-	Bias
SGIX	74	0	4.8	5.1	0	0	0	0	-	Bias
TEST	453	260	5.0	5.0	0	4	0	0	-	Bias and GE
TSMU	200	17	6.2	11.1	3	3	4	0	-	Bias and SD
UCMQ	81	15	2.8	0.5	1	1	0	0	-	GE at end of period
UCUO	118	3	3.6	6.1	0	1	0	0	-	Bias
VEP717	1330	0	3.9	4.9	2	0	1	1	-	Bias
VGLZ	81	0	3.9	6.9	0	0	0	0	-	Bias
VLTT	758	2	3.7	5.0	0	1	0	0	-	Bias
VNSZ	4008	0	3.0	3.5	0	0	0	0	-	Bias at end of period
VNVG	275	1	4.6	2.6	1	1	1	0	-	Bias at end of period
VRXU2	403	0	3.1	1.8	0	0	0	1	-	Bias at end of period
VRYS8	161	3	5.0	5.6	3	3	2	0	-	Bias
V2AW5	97	0	6.5	2.0	0	1	1	0	-	SD
V2HX	386	4	4.3	1.4	1	0	1	1	-	Bias and SD
V7CZ6	40	0	5.8	5.8	0	0	0	0	-	Bias
ZCDG4	52	1	5.9	5.7	0	0	0	0	-	Bias
ZMFR	981	5	3.9	2.9	0	1	0	1	-	Bias
3FRA8	174	0	5.7	5.1	2	2	1	2	-	Bias
3FZM6	166	15	5.0	4.3	2	1	1	0	-	GE at end of period
44138	1361	0	3.6	-4.8	2	2	0	2	-	Bias from May
44140	2671	1	2.7	-0.8	0	0	0	0	-	Bias at end of report
44255	2737	0	2.4	0.7	0	0	0	1	-	Bias at end of period
46054	1422	0	2.7	3.5	0	0	0	2	-	Bias
46131	4182	0	2.8	3.1	0	0	0	0	-	Bias
46146	3749	0	2.6	3.5	0	0	0	0	-	Bias
46181	4228	0	3.3	2.7	0	1	0	1	-	Bias
62111	691	0	2.5	-2.8	0	0	0	0	-	Bias
63107	154	14	5.8	1.9	0	0	0	0	-	SD
9MBK8	65	0	5.6	9.2	0	1	0	0	-	Bias
9MCD3	212	0	4.5	3.3	1	1	1	1	-	Bias at end of period
9MET6	60	0	2.5	-4.5	0	1	1	0	-	Bias

TABLE 6: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 5 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind speed observations.

Notes: 1. Units are ms^{-1}

Identifier	N Obs.	NGE	SD	Bias	Comments
CYLY	0	---	---	---	No reports
C6NR5	0	---	---	---	No reports
DGZO	0	---	---	---	No reports
ELGJ9	0	---	---	---	No reports
ELTY4	0	---	---	---	No reports
ELWY3	0	---	---	---	No reports
ELYA5	0	---	---	---	No reports
ELZX2	0	---	---	---	No reports
HP6038	0	---	---	---	No reports
H9RS	0	---	---	---	No reports
KS006	0	---	---	---	No reports
MZPQ3	0	---	---	---	No reports
OXRA6	0	---	---	---	No reports
P3CE9	0	---	---	---	No reports
P3JR9	0	---	---	---	No reports
UCJJ	0	---	---	---	No reports
UCUQ	0	---	---	---	No reports
UETM	0	---	---	---	No reports
VCPZ	0	---	---	---	No reports
VOTV	0	---	---	---	No reports
VRWK3	0	---	---	---	No reports
V2DX	0	---	---	---	No reports
V2EA4	0	---	---	---	No reports
V2FN	0	---	---	---	No reports
WDA3588	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
ZCBH9	0	---	---	---	No reports
ZCBO6	0	---	---	---	No reports
ZCBV4	0	---	---	---	No reports
21908	0	---	---	---	No reports
21909	0	---	---	---	No reports
21910	0	---	---	---	No reports
3ETX6	0	---	---	---	No reports
3FEI6	0	---	---	---	No reports
3FPK7	0	---	---	---	No reports
41631	0	---	---	---	No reports
41645	0	---	---	---	No reports
41646	0	---	---	---	No reports
41910	0	---	---	---	No reports
41912	0	---	---	---	No reports
41913	0	---	---	---	No reports
41916	0	---	---	---	No reports
41917	0	---	---	---	No reports
44601	0	---	---	---	No reports
44615	0	---	---	---	No reports
45150	0	---	---	---	No reports
46781	0	---	---	---	No reports
52525	0	---	---	---	No reports
62711	0	---	---	---	No reports

TABLE 7: LIST OF MARINE OBSERVING PLATFORMS PRODUCING SUSPECT WIND DIRECTION OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2004 .

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind direction observations.

Notes:
1. Units are degrees (°).
2. Observing platforms marked § had a significant speed bias at some time within the period and the statistics and their plots refer to direction reports associated with background wind speeds greater than 5 ms^{-1} . If no significant speed bias was present, the statistics and plots refer to direction reports with an observed speed greater than 5 ms^{-1}.
3. Observing platforms marked with an asterisk were listed in the previous report (July to December 2003)

Table 7a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
41532	229	0	41.4	-15.3	0	0	0	0	-	Bias

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
48613	381	2	70.0	*****	1	1	1	1	-	Bias and SD

Table 7b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
AVOSTEST §	971	11	96.8	-40.9	4	0	4	4	-	Bias and SD
A3BN5	128	0	64.9	-2.8	0	0	0	0	-	SD
A3CL6	113	0	74.9	-10.0	0	0	0	0	-	SD
A8BI5	73	0	77.4	24.5	0	0	0	0	-	SD
A8BK9 *	256	0	54.1	-4.8	0	0	0	0	-	SD
A8CC9	293	0	69.8	-15.1	1	1	1	1	-	SD
A8CG2 *	242	0	54.5	-8.6	0	0	0	0	-	SD
C6LP4	139	0	60.7	-0.3	0	1	0	0	-	SD
C6QK *	313	1	55.1	-13.1	0	0	0	0	-	SD
C6RI4 *	106	0	59.0	-0.2	0	0	0	0	-	SD
DEJL	174	1	62.1	-1.0	1	0	0	0	-	SD
DGZN	173	0	49.3	-33.0	0	0	0	0	-	Bias
ELWX5	2236	8	69.2	-6.5	1	1	1	1	-	SD
ELXT9	110	0	72.7	-9.4	0	0	0	0	-	SD
ELZH9	92	0	54.0	-34.2	0	0	0	0	-	Bias
KJDG	81	0	53.7	31.8	0	0	0	0	-	Bias
KRGC	63	0	62.0	-3.9	0	0	0	0	-	SD
KS025 *	334	0	77.3	-0.7	0	0	1	0	-	SD
KS027 *	55	0	97.2	-80.5	0	0	1	0	-	SD
MCDZ9 *	95	5	55.7	-9.1	0	1	0	0	-	SD
MSGS4 *	40	0	77.5	19.0	0	0	0	0	-	SD
MSJZ8	99	0	74.3	-22.1	0	0	0	0	-	SD
PDUJ	134	0	60.1	12.4	0	0	0	0	-	SD
PFAR	89	0	65.2	-17.6	0	0	0	0	-	SD
PGFE *	89	0	45.0	-26.9	0	0	0	0	-	Bias
PJJH	83	0	62.9	-30.3	0	0	0	0	-	SD and Bias
P3JA9 *	195	0	54.8	5.3	0	0	0	0	-	SD
TEST *§	397	38	102.4	-76.7	0	3	0	0	-	Bias, SD and GE
UANA *	118	1	72.9	-12.5	0	0	0	0	-	SD
UBXS	87	0	21.9	95.0	0	0	0	0	-	Bias
UCTZ *	48	0	66.6	17.1	0	0	0	0	-	SD
UCUO *§	118	2	78.2	-3.5	0	1	0	0	-	SD
UDBK *	52	0	80.1	9.3	0	0	0	0	-	SD
UHVW	109	0	64.8	-2.3	0	0	0	0	-	SD
UIAG *	44	0	83.5	12.8	0	0	0	0	-	SD
VRXO6	95	2	90.4	6.8	0	0	0	0	-	SD
VSUA7	133	0	62.4	-8.2	0	0	0	0	-	SD
VSWW5	176	4	66.4	-5.7	0	0	0	0	-	SD
V2AJ8	87	0	68.4	0.7	0	0	0	0	-	SD
V2AT1	347	0	67.6	-12.6	0	0	0	0	-	SD

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
V2FM *	165	0	67.9	7.7	0	2	1	0	-	SD
V2HX §	384	2	62.9	-5.4	0	0	0	0	-	SD
V2IA	290	0	62.0	-3.1	0	0	0	0	-	SD
V2ON3	66	0	60.5	-14.8	0	0	0	0	-	SD
WBM8733	68	0	66.6	13.6	0	0	0	0	-	SD
WYL5445	64	0	67.3	-12.1	0	0	0	0	-	SD
ZCGH	392	0	59.6	30.0	0	0	0	0	-	Bias and SD
23093	493	0	90.1	-46.0	0	4	4	0	-	Bias and SD
23168 *	283	0	16.1	88.9	0	4	4	1	-	Bias
3FZM6 §	166	15	88.9	-29.3	2	3	2	0	-	Bias, SD and GE
44258	1806	0	37.3	-32.3	0	3	3	3	-	Bias
45144	356	0	34.1	33.7	0	0	0	0	-	Bias
45145 *	546	0	34.8	28.1	0	1	0	1	-	Bias
46053	1377	0	50.3	-42.0	0	2	5	5	-	Bias
46081 *§	4112	0	46.8	-66.6	0	3	4	6	-	Bias
5WDC *	99	0	62.3	-4.4	0	0	0	0	-	SD
51011	104	0	48.1	-44.8	0	0	0	0	-	Bias
51023 *	443	0	43.9	-19.4	0	0	0	0	-	Bias

TABLE 8: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 7 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms $^{-1}$ (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind direction observations.

Notes: 1. Units are degrees (°)

Identifier	N Obs.	NGE	SD	Bias	Comments
A8AX4	149	0	40.7	-11.2	SD reduced
C6IZ7	108	0	37.8	-7.0	SD reduced
ELRE7	120	0	60.9	-4.4	SD reduced
ELWA2	43	0	19.0	13.5	SD reduced
ELXO3	69	0	52.1	10.2	Bias and SD reduced
ELXQ7	208	0	49.6	-7.9	SD reduced
ELZC7	0	---	---	---	No reports
GQVJ	142	0	55.3	-20.9	SD reduced
HPJW	98	1	50.4	2.2	Bias and SD reduced
H9OO	125	0	51.2	14.8	Bias and SD reduced
KS035	0	---	---	---	No reports
LANR5	28	0	60.5	39.1	Less than 40 reports
LMWO3	100	0	47.8	-8.5	SD reduced
PBHT	33	0	49.4	10.8	Less than 40 reports
P3GU7	62	0	44.3	11.4	SD reduced
P3JS9	180	0	55.0	-22.4	SD reduced
SP32	236	0	32.9	17.6	Bias and SD reduced
SWYM	95	6	57.8	2.9	SD reduced
UASU	2	0	0.0	-98.0	Less than 40 reports
UDDE	116	0	39.3	-25.7	SD reduced
UDKC	85	0	33.4	1.1	SD reduced
UHJU	44	0	55.6	-4.4	SD reduced
UIAH	11	0	38.5	-33.4	Less than 40 reports
VCTK	0	---	---	---	No reports
V2AR5	192	0	42.2	4.1	SD reduced

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
V2EU	116	0	46.6	10.1	SD reduced
V7DQ8	264	0	51.7	-8.5	SD reduced
WBN5092	27	0	49.3	16.2	Less than 40 reports
WBN5978	278	1	49.1	-0.1	SD reduced
WDB3834	0	---	---	---	No reports
WYH6327	13	0	35.0	8.4	Less than 40 reports
ZCBF3	0	---	---	---	No reports
21909	0	---	---	---	No reports
23091	0	---	---	---	No reports
23101	0	---	---	---	No reports
3ETX6	0	---	---	---	No reports
3EWT9	37	0	59.5	-7.3	Less than 40 reports
3FGI5	0	---	---	---	No reports
3FTL9	97	0	50.1	-1.6	SD reduced
4XGS	151	0	49.2	-11.4	SD reduced
4XGT	106	2	44.6	-10.6	SD reduced
41912	0	---	---	---	No reports
45140	817	0	33.2	9.5	Bias reduced
45141	0	---	---	---	No reports
9VVU	142	4	66.4	7.4	SD

TABLE 9: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT SEA SURFACE TEMPERATURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2004.

Column 1 Call sign or identifier.
Column 2 Number of sea-surface temperature observations available for monitoring over the six-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of sea surface temperature observations.

Notes:
1. Units are °C
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 2003)

Table 9a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
12503	2915	0	1.1	0.1	0	-	0	-	-	Bias at end of report
13609	79	0	1.2	6.2	1	-	1	-	-	Bias
16580	718	0	1.8	1.5	0	-	0	-	-	Bias
17523	3053	0	1.2	0.5	1	-	0	-	-	Bias at end of report
17524	3342	1	1.8	0.8	0	-	0	-	-	Bias from April
17667	1118	0	2.4	0.6	0	-	0	-	-	Bias
21575	922	4	1.6	-0.6	0	-	0	-	-	Bias and SD at end of report
22584	786	0	1.0	-0.3	1	-	0	-	-	Bias at end of report
22923	102	60	2.6	6.8	1	-	1	-	-	Bias and GE
22925	452	5	2.1	0.5	0	-	0	-	-	Bias at end of report
22926	490	16	2.0	0.4	0	-	0	-	-	Bias at end of report
22930	290	6	2.2	0.7	0	-	0	-	-	Bias at end of report
22935	689	19	1.5	-0.1	1	-	0	-	-	GE at end of report
23697	446	45	0.2	0.0	0	-	0	-	-	GE
31505	396	46	0.9	0.0	1	-	0	-	-	GE at end of report

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
31543	1646	0	1.5	0.4	1	-	0	-	-	Bias at end of report
31987	901	134	0.9	-0.4	1	-	0	-	-	GE at end of report
33502	566	0	0.9	4.1	5	-	4	-	-	Bias
33566	631	150	1.5	-0.7	2	-	2	-	-	Bias and GE
33673	783	0	1.1	-0.2	0	-	0	-	-	Bias at end of report
41611	438	0	2.7	1.3	1	-	0	-	-	Bias at end of report
43554	70	0	1.2	4.1	1	-	0	-	-	Bias
43563	70	0	1.0	4.7	1	-	0	-	-	Bias
44510	464	144	2.9	1.5	2	-	2	-	-	Bias and GE
44511	690	4	2.1	-5.9	3	-	2	-	-	Bias
44614	3699	18	2.8	1.4	1	-	0	-	-	Bias at end of period
44626	885	0	3.4	-0.4	1	-	1	-	-	Bias
44742	709	0	1.9	-2.1	0	-	0	-	-	Bias
46551	168	0	1.6	-2.3	0	-	0	-	-	Bias
46635	2179	91	3.3	-0.7	0	-	0	-	-	Bias and SD from February
46710	254	37	1.1	0.6	1	-	0	-	-	GE
51743	788	0	2.6	1.0	1	-	0	-	-	Bias at end of report
51769	42	0	0.2	-7.4	1	-	1	-	-	Bias
52526	1030	0	0.9	-0.7	0	-	0	-	-	Bias at end of report
52646	1582	1	2.1	-0.5	0	-	0	-	-	Bias and SD at end of report
52837	273	31	3.7	1.1	2	-	1	-	-	Bias and GE
53568	1384	23	0.5	0.2	0	-	0	-	-	GE at end of report
53591	381	0	2.2	-1.0	1	-	1	-	-	Bias at end of report
53594	82	0	2.6	-1.7	1	-	1	-	-	Bias at end of report
55582	245	0	4.8	1.0	0	-	0	-	-	SD
56528	2157	155	0.8	0.2	1	-	0	-	-	GE at end of report
56530	214	21	1.4	2.6	0	-	0	-	-	Bias
56532	908	0	1.2	2.1	1	-	0	-	-	Bias
61536	1763	5	1.4	0.0	0	-	0	-	-	Bias at end of report
62576	1070	2	2.9	-1.1	1	-	0	-	-	Bias at end of report
64523	2410	2	2.1	2.7	1	-	0	-	-	Bias
65565	453	17	2.2	2.9	0	-	0	-	-	Bias
71598	146	111	0.2	-0.5	1	-	0	-	-	GE
71629	1346	20	3.2	1.9	2	-	1	-	-	Bias at end of report

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
17522	3803	3	2.5	0.0	0	-	0	-	-	Bias
17666	2805	0	1.6	0.3	0	-	0	-	-	Bias
32693	3227	0	0.4	3.2	5	-	0	-	-	Bias
43535	69	0	1.0	4.1	1	-	0	-	-	Bias
46657	3822	3	0.8	-0.1	0	-	0	-	-	Bias at end of period
46972	921	0	0.5	4.4	6	-	6	-	-	Bias
65564	644	31	2.3	3.2	1	-	2	-	-	Bias
71615	2654	0	1.4	-0.8	0	-	0	-	-	Bias

Table9b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
A8BZ6	130	0	1.4	-2.8	1	-	1	-	-	Bias at end of period
A8CR8	53	23	2.6	-1.0	1	-	1	-	-	GE at end of report
CFD3659	2001	0	1.1	0.3	0	-	0	-	-	Bias at end of period
CGDR	304	16	2.6	4.5	2	-	1	-	-	Bias
CG2350	457	5	3.0	3.0	1	-	0	-	-	Bias
CG2992 *	79	26	2.3	2.7	1	-	1	-	-	GE
C6QO9	73	3	2.1	2.8	0	-	0	-	-	Bias
C6YW	42	5	0.8	-3.7	2	-	0	-	-	Bias
DBBA	3593	0	1.4	0.4	0	-	1	-	-	Bias
ELWY3 *	54	0	0.7	3.5	1	-	2	-	-	Bias
ELZH9	81	2	1.5	6.6	2	-	2	-	-	Bias
ELZT3 *	2856	1445	1.2	0.1	3	-	0	-	-	Bias and GE
FNJI *	435	0	0.7	3.0	2	-	0	-	-	Bias
GQVJ	122	0	2.6	-3.0	1	-	1	-	-	Bias
H3SM	346	1	2.1	-0.3	1	-	1	-	-	Bias from April
JDWX	1073	0	2.3	-1.4	1	-	0	-	-	Bias
KGJD	1521	882	3.4	0.3	3	-	5	-	-	Bias, SD and GE
KGJX	294	1	1.5	2.8	1	-	1	-	-	Bias
KHRC	132	0	1.0	-2.9	1	-	0	-	-	Bias
KRPB *	271	0	1.6	-2.9	4	-	4	-	-	Bias
KS001	151	0	1.2	-3.9	1	-	0	-	-	Bias
KS003	235	125	0.3	-9.3	3	-	3	-	-	Bias and GE
KS011 *	1111	0	1.8	-0.4	0	-	0	-	-	Bias
KS035 *	437	7	2.4	2.5	2	-	2	-	-	Bias
LAJV4 *	207	0	2.2	3.5	4	-	3	-	-	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
LAON4	296	4	2.1	1.3	0	-	0	-	-	Bias
OYZC	129	0	3.7	3.8	1	-	0	-	-	Bias
PHPO *	51	1	0.7	-3.4	1	-	1	-	-	Bias
PJVQ	463	2	2.2	-0.8	0	-	1	-	-	Bias
PPSV *	96	0	2.0	-2.6	2	-	2	-	-	Bias
P3FX6	148	0	1.0	3.8	2	-	1	-	-	Bias
P3GT9	114	3	2.1	-3.5	2	-	1	-	-	Bias
SLCH *	118	0	1.3	3.3	2	-	2	-	-	Bias
SWKV	53	0	1.6	-3.6	0	-	0	-	-	Bias
TEST	64	62	4.0	5.1	2	-	0	-	-	Bias and GE
TFNA	444	0	2.3	0.7	0	-	0	-	-	Bias
TSLN *	140	0	1.3	-2.5	0	-	1	-	-	Bias
TSMU	199	0	1.2	-2.7	2	-	2	-	-	Bias
UBAM	59	0	1.7	4.3	1	-	1	-	-	Bias
UBLX	102	0	2.1	-1.4	1	-	1	-	-	Bias at end of period
UCAB *	140	2	2.0	0.0	0	-	0	-	-	Bias at end of report
UCBM *	224	0	2.4	-2.9	2	-	2	-	-	Bias
UCJO	51	0	3.8	-3.1	1	-	1	-	-	Bias
UCTZ	48	0	2.2	-3.7	0	-	0	-	-	Bias
UCUO	104	0	2.2	2.3	1	-	0	-	-	Bias
UFLC	147	9	2.3	3.7	2	-	0	-	-	Bias
UHOM *	222	0	2.1	-0.8	1	-	1	-	-	Bias from May
UHVW *	119	0	0.9	3.1	3	-	1	-	-	Bias
VOCJ	1186	331	2.6	3.8	4	-	1	-	-	Bias and GE from February
VSUA7	98	0	2.1	-2.4	0	-	0	-	-	Bias
V2AC6	131	1	1.4	3.0	1	-	0	-	-	Bias
V2AI7	118	3	2.8	3.1	1	-	0	-	-	Bias from March
V7DN3 *	141	7	2.8	-3.2	2	-	2	-	-	Bias
WAUY	279	1	2.0	-1.8	2	-	2	-	-	Bias from May
WCZ552 *	204	4	2.5	-2.7	1	-	1	-	-	Bias
WCZ938 *	48	0	0.9	5.1	1	-	1	-	-	Bias
YJQA8	286	0	1.8	1.3	1	-	2	-	-	Bias
ZCBU5 *	76	0	1.4	3.1	1	-	1	-	-	Bias
3FDV6	92	0	2.2	3.8	2	-	3	-	-	Bias
3FHT4	74	0	3.2	3.1	1	-	1	-	-	Bias
3FKM8 *	96	24	1.7	-4.7	1	-	0	-	-	Bias
3FOW2 *	79	7	1.3	5.4	0	-	0	-	-	Bias
3FPA6	202	1	1.3	2.1	0	-	0	-	-	Bias at end of report
31056 *	192	124	5.3	0.6	2	-	1	-	-	Bias, SD and GE
41008 *	3785	0	2.2	-2.2	3	-	1	-	-	Bias

Continued →

Identifier		N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
44008		3776	0	1.8	-1.7	1	-	0	-	-	Bias from May
44011	*	3698	0	1.3	-2.2	2	-	0	-	-	Bias from April
44034		2899	0	1.0	-0.5	0	-	0	-	-	Bias from May
44161		809	0	0.8	2.9	1	-	0	-	-	Bias
44251		2240	5	0.8	-0.2	0	-	0	-	-	Bias at end of report
45003		576	0	2.4	-1.8	1	-	0	-	-	Bias
45008		561	0	1.4	-3.8	2	-	0	-	-	Bias
45139	*	1056	0	3.1	-2.4	1	-	1	-	-	Bias
45142	*	1423	3	2.4	2.0	1	-	1	-	-	Bias
45143	*	1285	0	3.1	-1.8	2	-	2	-	-	Bias
45144	*	365	16	1.2	6.5	1	-	0	-	-	Bias
45149		1246	0	2.0	-3.7	2	-	0	-	-	Bias
45151		704	0	1.4	3.9	2	-	1	-	-	Bias
46025		1329	0	1.6	1.4	2	-	0	-	-	Bias from May
46061		7976	0	0.8	0.2	0	-	0	-	-	Bias at end of period
46081		3988	0	1.6	0.0	0	-	4	-	-	Bias from May
9VNA		41	0	1.1	3.5	1	-	1	-	-	Bias

TABLE 10: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 9 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier
Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from the background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Column 6 Comments on quality of sea surface temperature observations.

Notes: 1. Units are °C

Identifier	N Obs.	NGE	SD	Bias	Comments
CG2522	19	19	---	---	Less than 40 reports
C6IZ7	108	0	0.8	2.6	Bias reduced
C6SI4	74	1	2.5	-0.3	Bias reduced
ELSM9	0	---	---	---	No reports
ELXE2	63	0	1.3	0.2	GE reduced
ELXO4	75	0	2.1	0.2	Bias reduced
ELZV9	303	7	2.7	0.3	Bias reduced
GURN	0	---	---	---	No reports
H3YF	68	0	3.0	-0.6	Bias reduced
H9TG	23	0	0.6	4.0	Less than 40 reports
JKHH	1	0	0.0	3.7	Less than 40 reports
KAKF	0	---	---	---	No reports
KRHX	313	0	1.8	-0.7	Bias reduced
KS005	358	0	0.9	-0.6	Bias reduced
LACF5	0	---	---	---	No reports
PDZR	70	0	1.8	-2.7	Bias reduced
PFAR	16	2	1.7	0.2	Less than 40 reports
PGQC	0	---	---	---	No reports
PHSG	60	0	1.3	-2.1	Bias reduced
P3CE9	55	5	2.5	-1.7	Bias reduced
P3KT8	155	0	2.4	1.6	Bias reduced
P3YS5	36	0	2.6	-0.9	Less than 40 reports
SHJC	10	0	2.0	2.7	Less than 40 reports
S6HU4	19	1	1.1	-0.3	Less than 40 reports
S6IW	339	1	2.7	2.7	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
S6MJ	42	0	1.7	-2.0	Bias reduced
S6TS	218	4	2.3	-1.6	Bias reduced
UANF	41	0	1.8	2.3	Bias reduced
UCJB	7	0	1.4	-0.3	Less than 40 reports
UCJI	165	2	2.0	1.7	Bias reduced
UCON	70	0	1.8	0.3	Bias reduced
UFHG	25	0	2.2	-2.9	Less than 40 reports
UFSZ	0	---	---	---	No reports
UHRT	81	0	1.9	-2.2	Bias reduced
UINM	57	0	0.9	2.8	Bias reduced
VCTV	61	0	3.0	0.3	Bias reduced
VJRB	95	1	1.0	-2.7	Bias reduced
VRXR5	0	---	---	---	No reports
V2AM5	9	0	2.0	-3.3	Less than 40 reports
V2OH1	132	0	3.5	-2.3	Bias reduced
V2PK	0	---	---	---	No reports
V7DP7	6	0	0.7	-4.8	Less than 40 reports
WAAH	300	0	1.4	2.7	Bias reduced
WRZU	0	---	---	---	No reports
ZCBQ2	9	0	3.3	0.6	Less than 40 reports
ZCDH7	0	---	---	---	No reports
ZMFR	873	193	1.6	-0.2	GE reduced
12530	0	---	---	---	No reports
13607	0	---	---	---	No reports
13615	0	---	---	---	No reports
13938	0	---	---	---	No reports
14918	0	---	---	---	No reports
15908	0	---	---	---	No reports
17510	0	---	---	---	No reports
17653	0	---	---	---	No reports
21571	0	---	---	---	No reports
22571	0	---	---	---	No reports
22573	0	---	---	---	No reports
22585	0	---	---	---	No reports
22908	0	---	---	---	No reports
23903	0	---	---	---	No reports
23928	0	---	---	---	No reports
3FJV4	0	---	---	---	No reports
3FRR5	374	0	1.9	1.5	Bias reduced
41025	3986	46	4.3	-1.4	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
42007	3992	0	2.3	-1.2	Bias reduced
42562	0	---	---	---	No reports
42563	0	---	---	---	No reports
42564	0	---	---	---	No reports
42565	0	---	---	---	No reports
42566	0	---	---	---	No reports
42567	0	---	---	---	No reports
44137	0	---	---	---	No reports
44142	0	---	---	---	No reports
44622	0	---	---	---	No reports
44746	0	---	---	---	No reports
45141	0	---	---	---	No reports
45150	0	---	---	---	No reports
45159	0	---	---	---	No reports
45160	0	---	---	---	No reports
46598	0	---	---	---	No reports
46626	0	---	---	---	No reports
46628	0	---	---	---	No reports
46780	0	---	---	---	No reports
51518	0	---	---	---	No reports
51642	0	---	---	---	No reports
51661	0	---	---	---	No reports
51727	0	---	---	---	No reports
51761	0	---	---	---	No reports
51768	0	---	---	---	No reports
52815	0	---	---	---	No reports
56523	0	---	---	---	No reports
61524	0	---	---	---	No reports
61525	0	---	---	---	No reports
61532	0	---	---	---	No reports
61675	0	---	---	---	No reports
62901	0	---	---	---	No reports
64607	0	---	---	---	No reports
7KXF	123	7	0.7	-0.1	GE reduced
73501	0	---	---	---	No reports
9KKS	270	0	0.9	-0.6	Bias reduced

Figure 1: Number of observations of pressure received at Bracknell on the GTS for each of the six-month periods covered by the WMO reports on the quality of marine surface observations

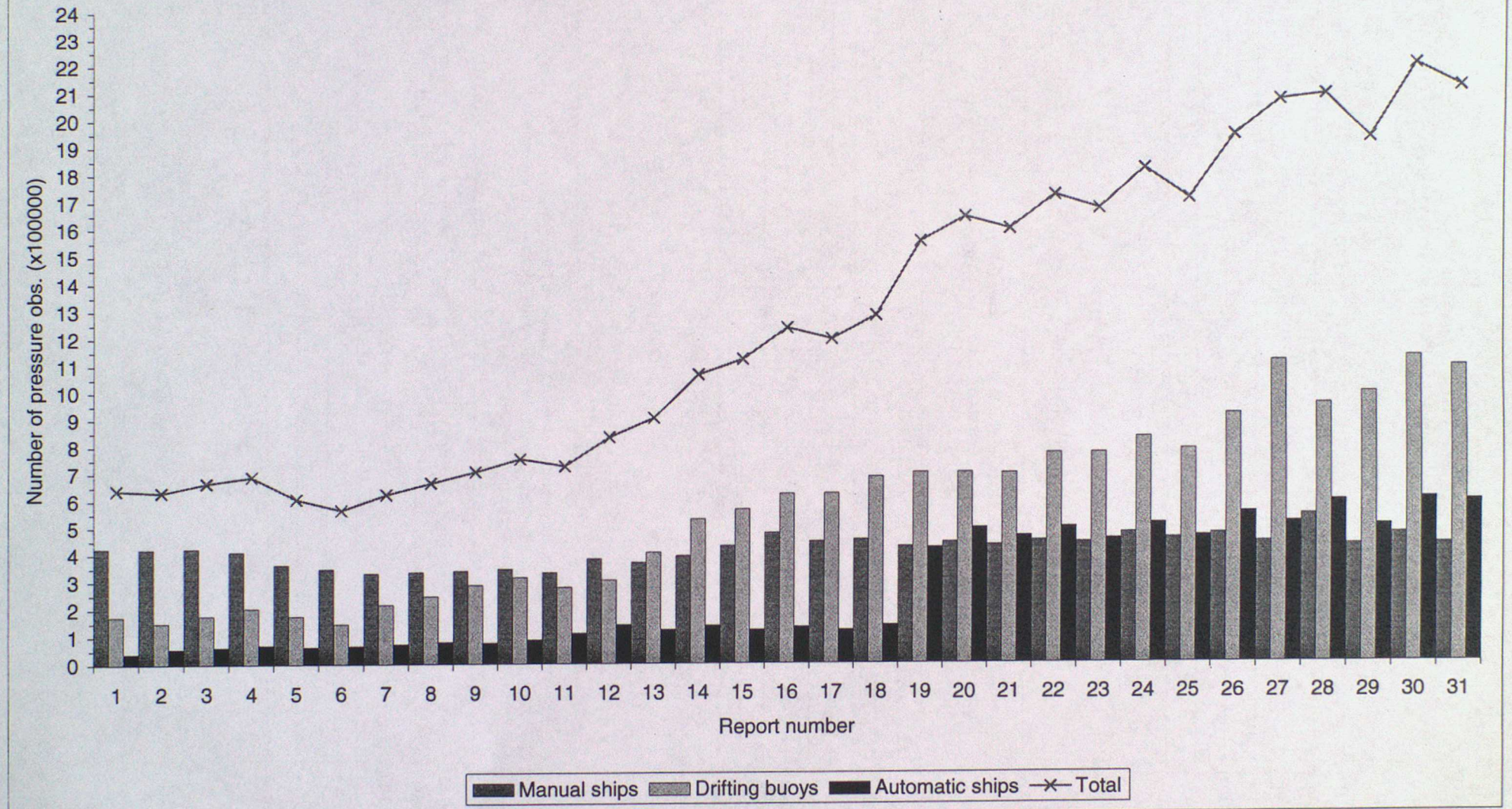
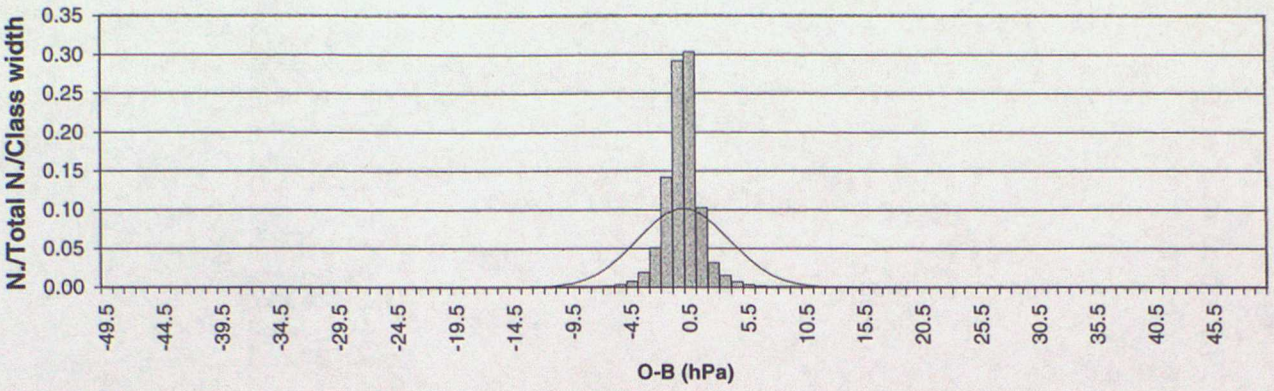
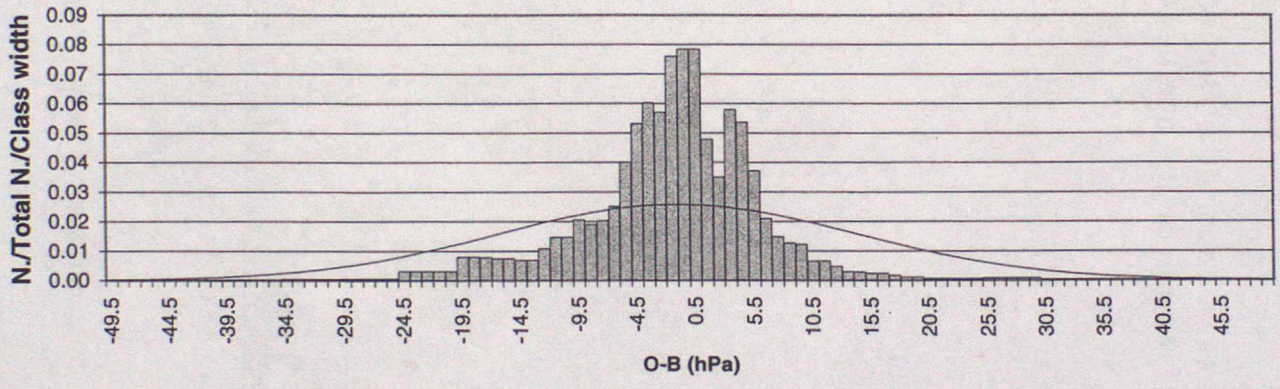


Figure 2a: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2004 Data used: All observations



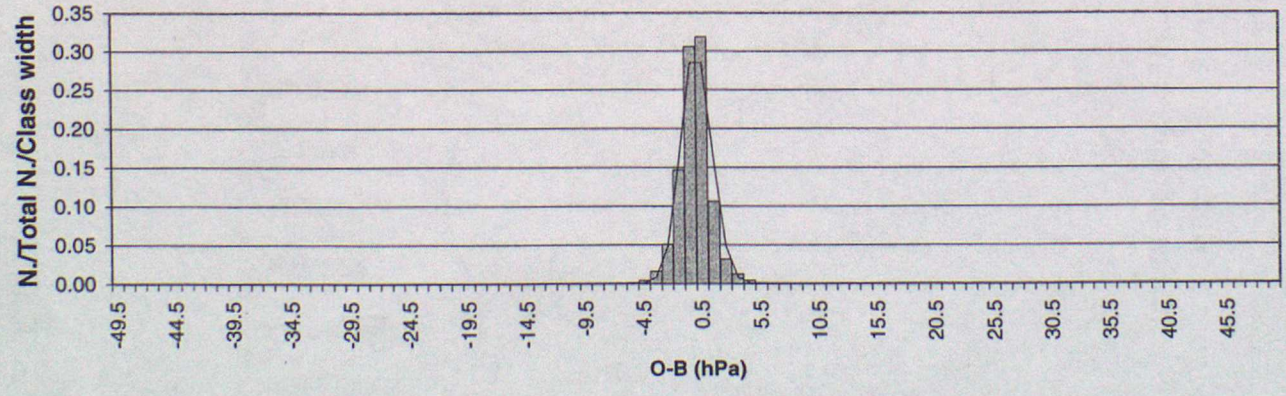
Mean O-B = -0.1 SD O-B = 3.9

Figure 2b: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2004 Data used: Flagged observations



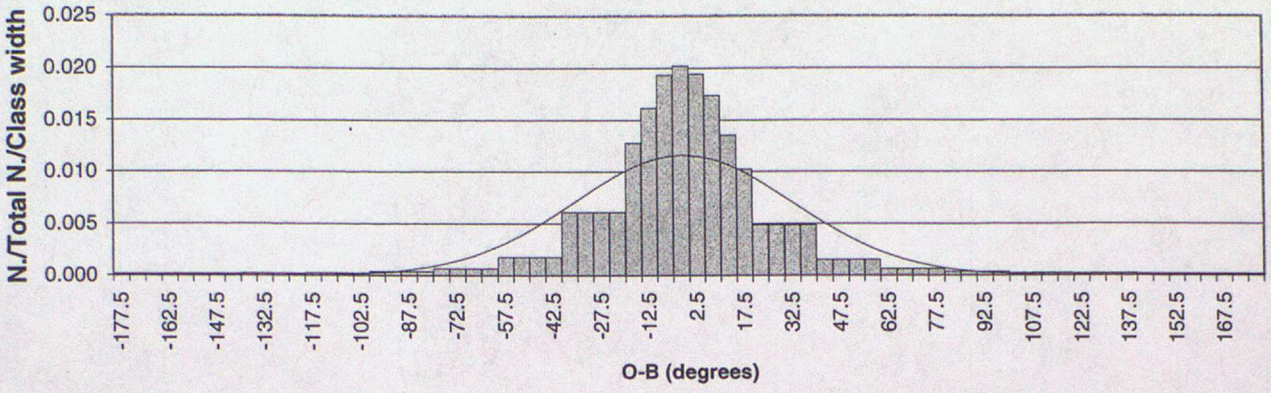
Mean O-B = -1.1 SD O-B = 15.5

Figure 2c: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2004 Data used: Unflagged observations



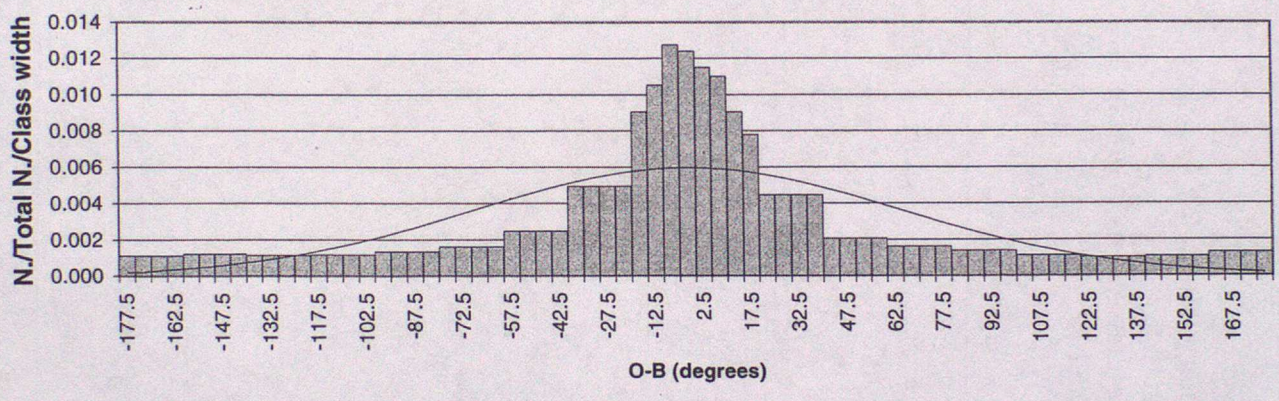
Mean O-B = 0.0 SD O-B = 1.3

Figure 2g: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2004 Data used: All observations



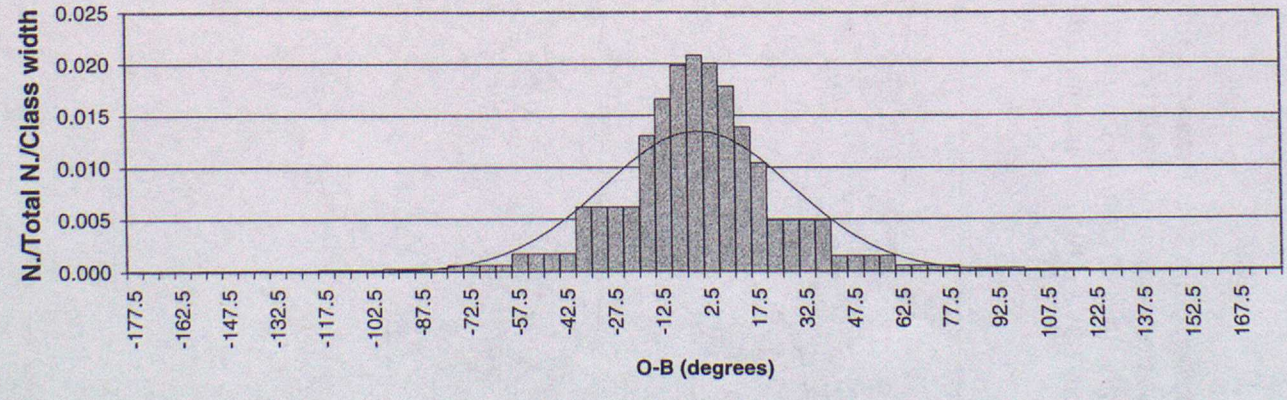
Mean O-B = -1.8 SD O-B = 34.4

Figure 2h: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2004 Data used: Flagged observations



Mean O-B = -2.4 SD O-B = 67.0

Figure 2i: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2004 Data used: Unflagged observations



Mean O-B = -1.7 SD O-B = 29.6

Figure 3: Bias of Ship O-B Pressure (hPa). Date:- January - June 2004
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 0.5 hPa

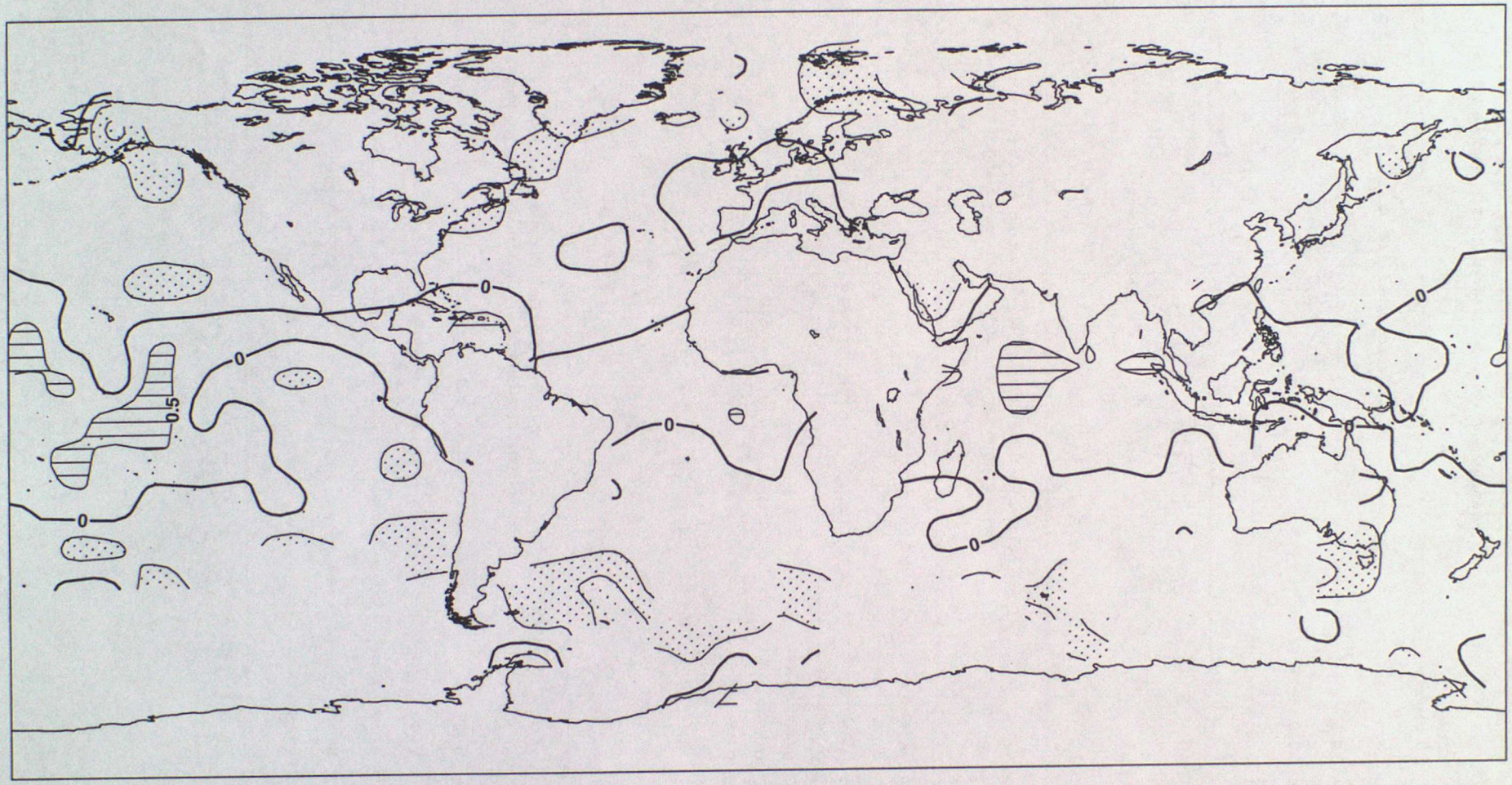


Figure 4: Standard Deviation of Ship O-B Pressure (hPa). Date:- January - June 2004
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 2.0 hPa

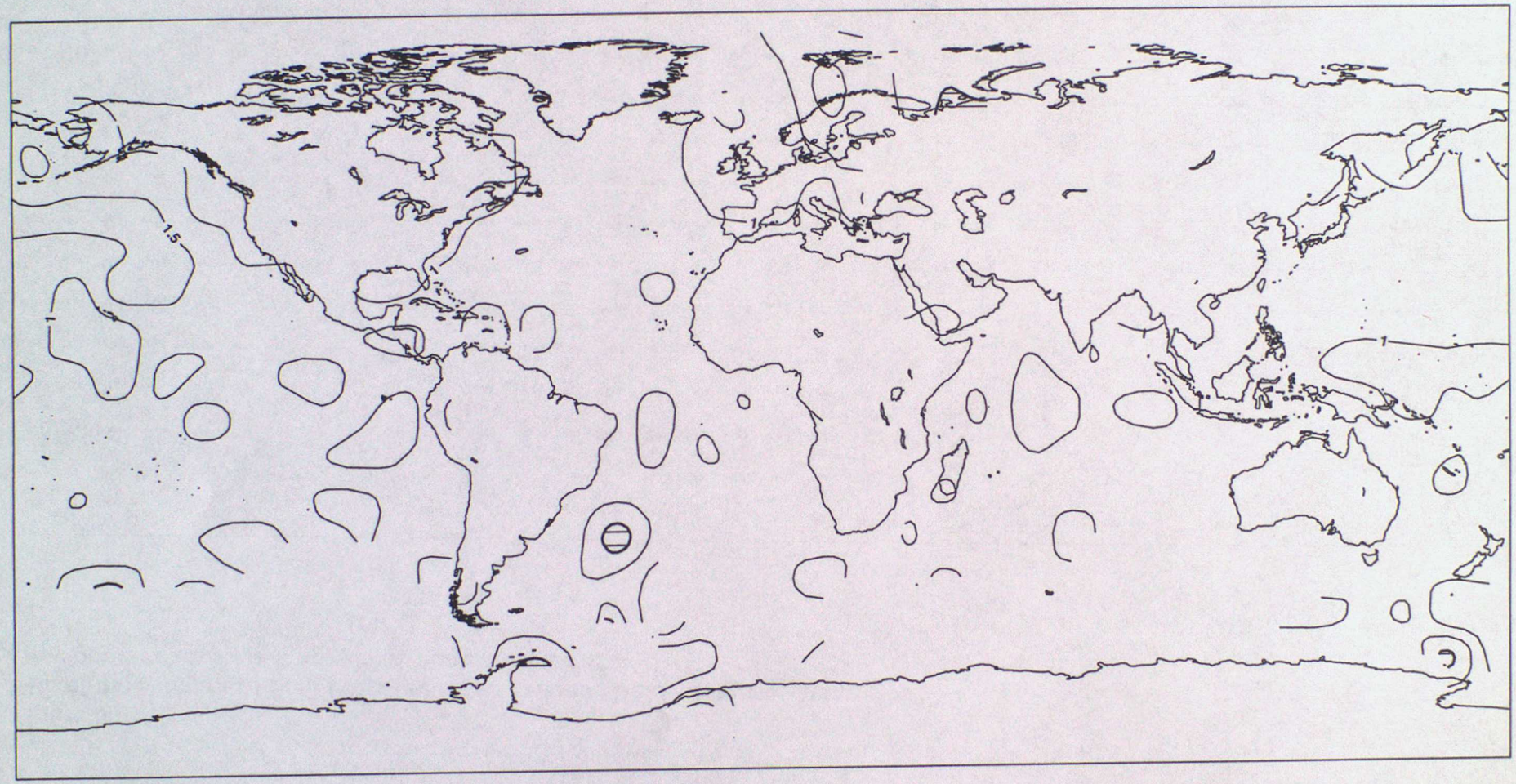


Figure 5:
Plot of the Number of Ship Pressure Observations. Date:- January - June 2004
Only observations passing quality control included

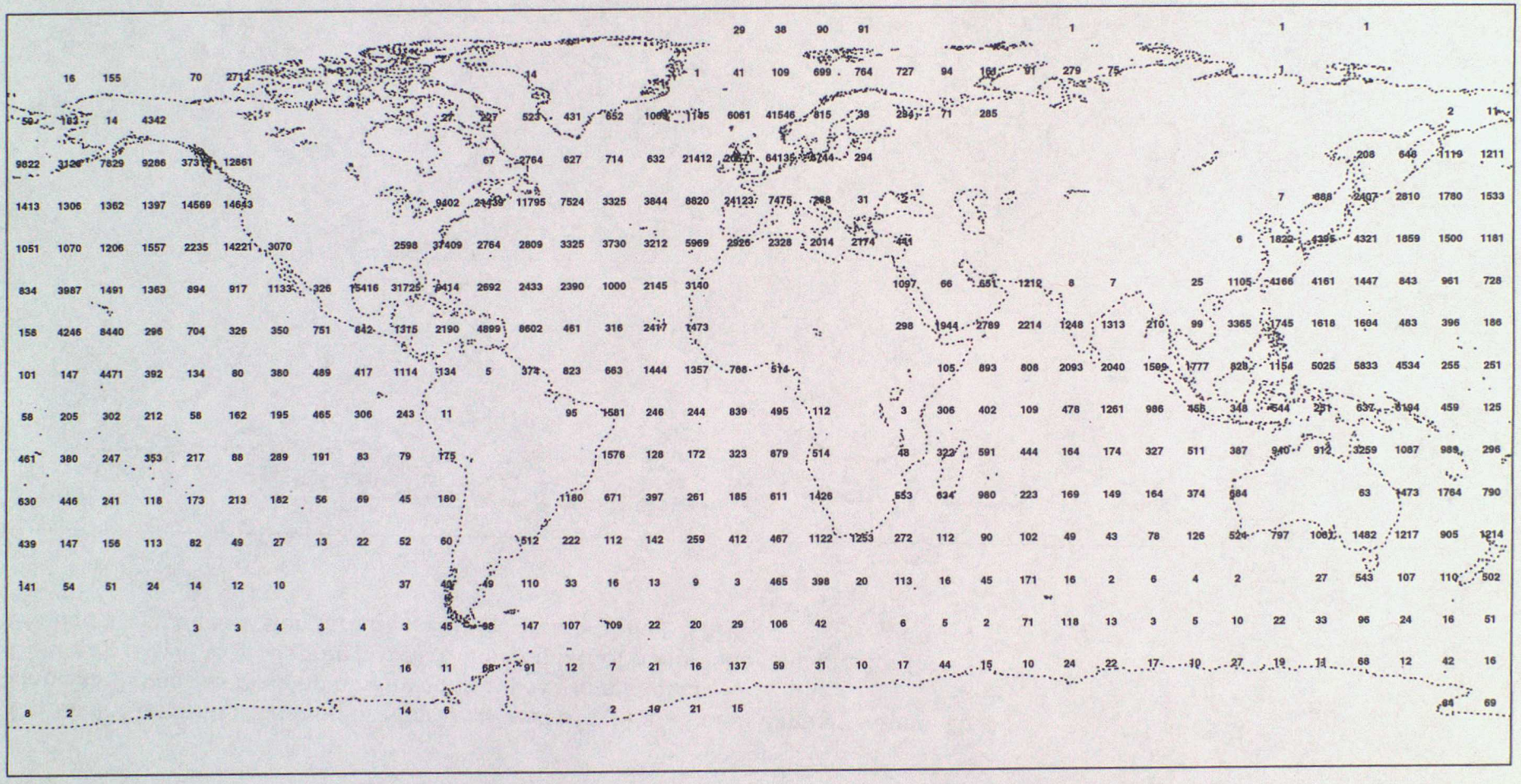


Figure 6: Bias of Ship O-B Wind Speed (ms-1). Date:- January - June 2004
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 2.0 ms-1

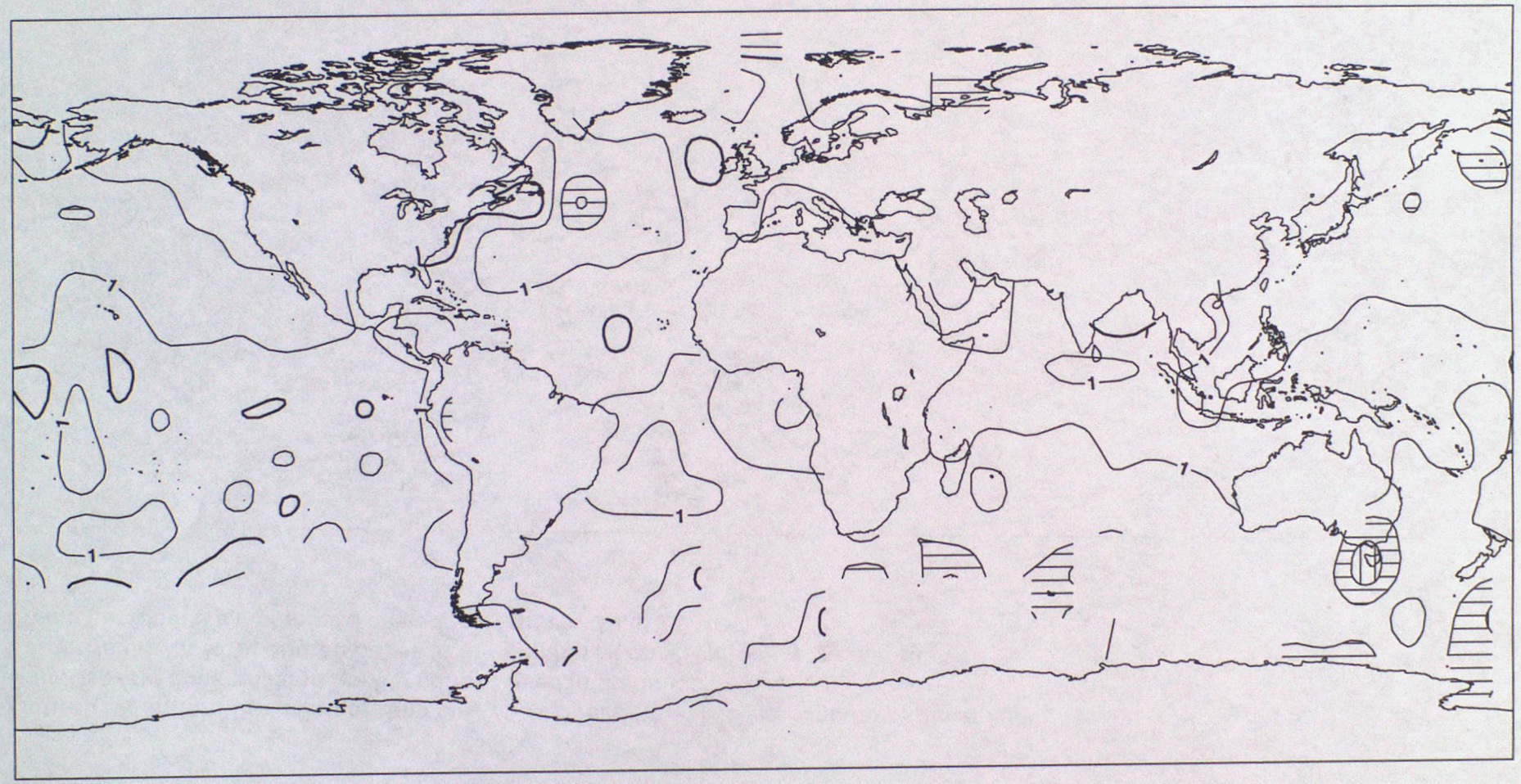


Figure 7: Standard Deviation of Ship O-B Wind Speed (ms-1). Date:- January - June 2004
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 4.0 ms-1

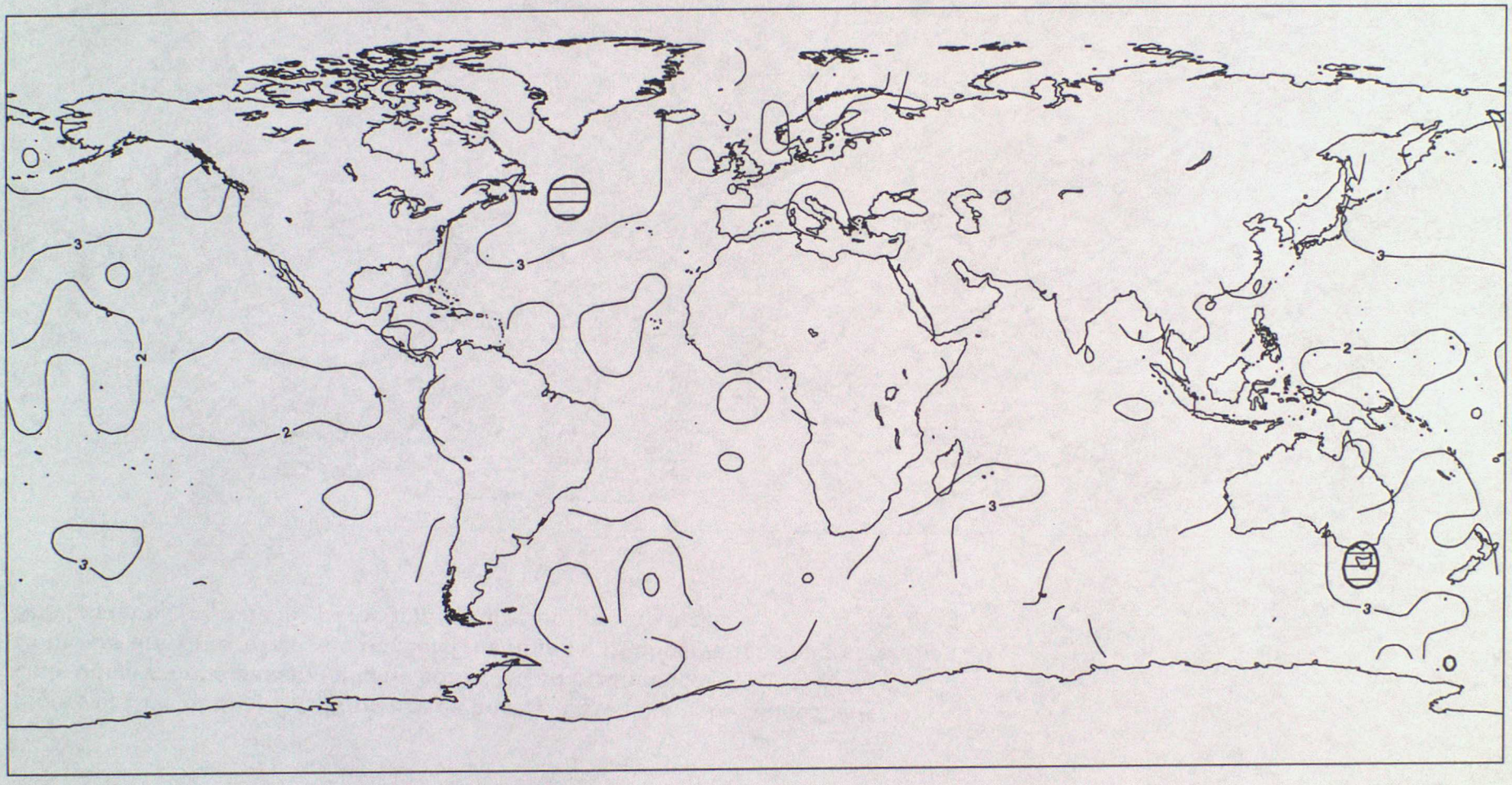


Figure 8:
Plot of the Number of Ship Wind Speed Observations. Date:- January - June 2004
Only observations passing quality control included

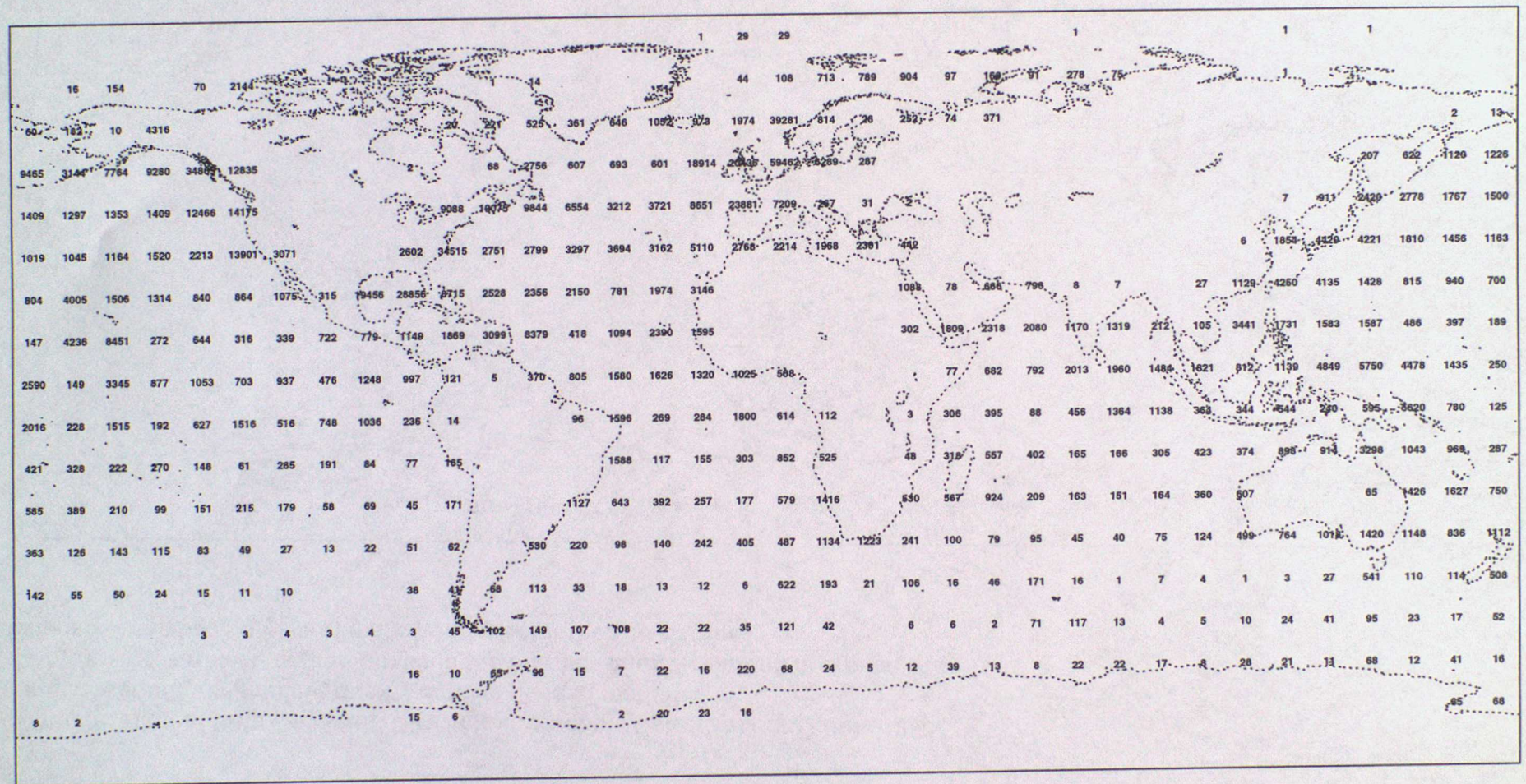


Figure 9: Bias of Ship O-B Wind Direction (degrees). Date:- January - June 2004
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 10 degrees

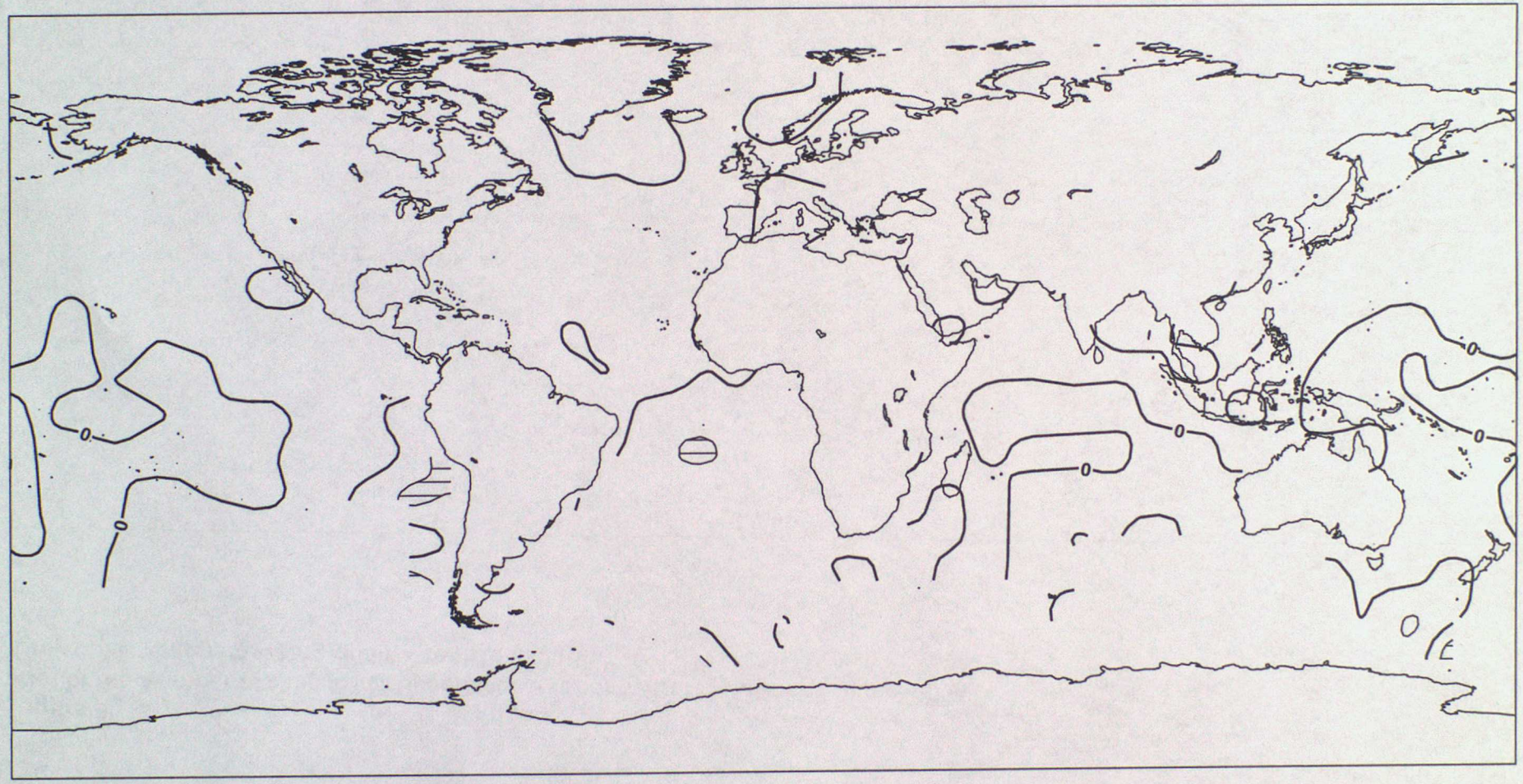


Figure 10: Standard Deviation of Ship O-B Wind Direction (degrees). Date:- January - June 2004
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 40 degrees

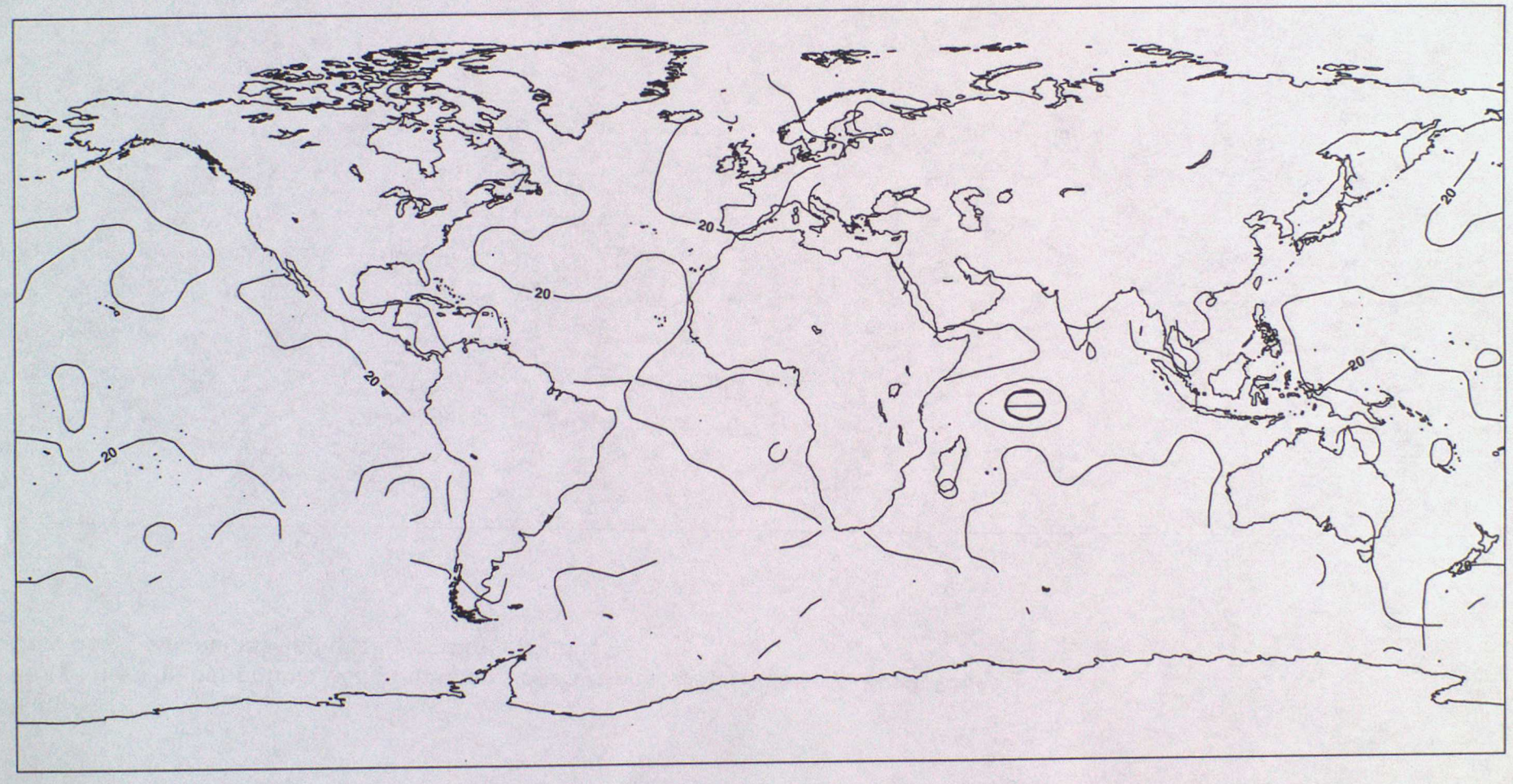


Figure 11:
Plot of the Number of Ship Wind Direction Observations. Date:- January - June 2004
Only observations passing quality control included

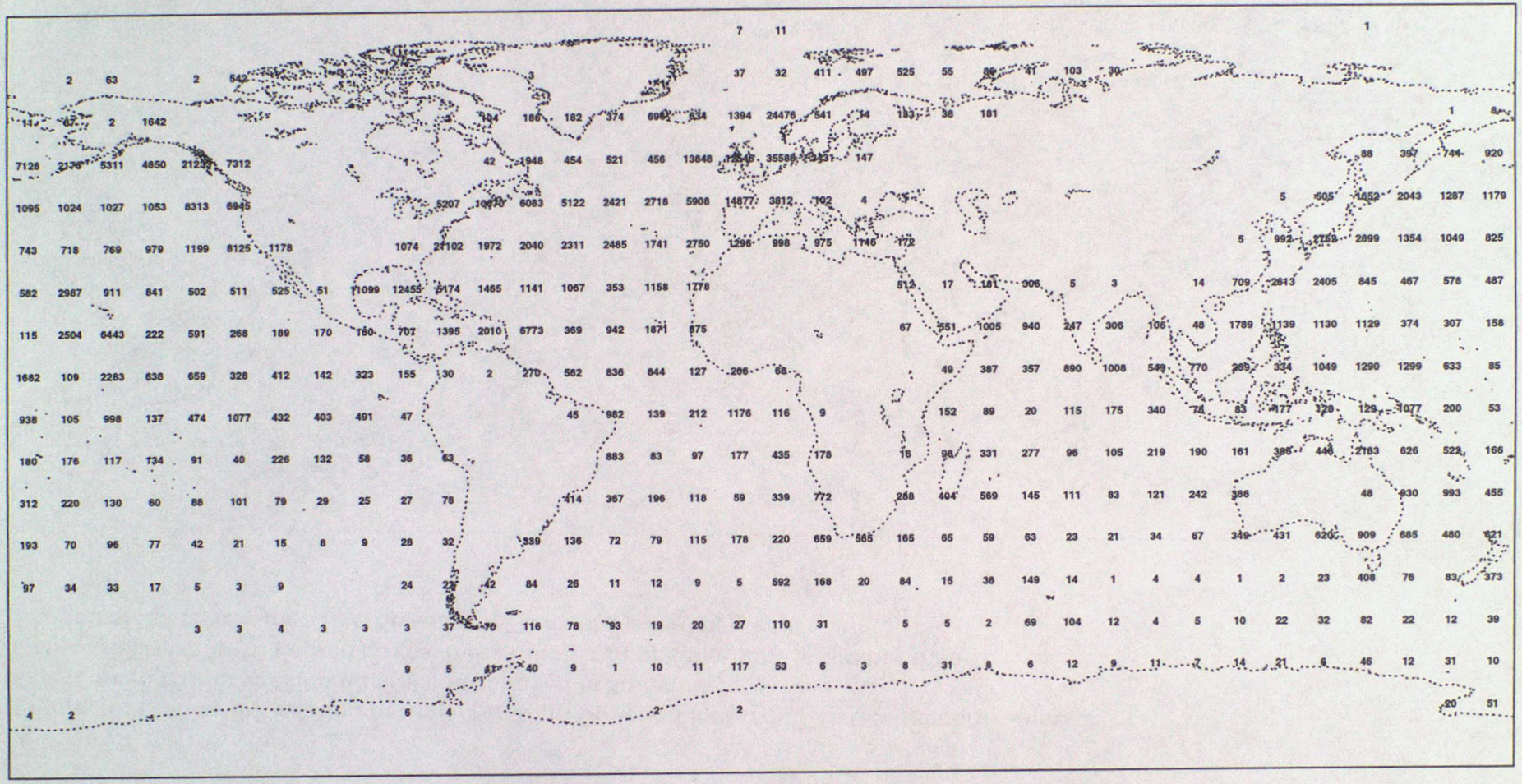


Figure 12: Bias of Ship O-B SST (degrees C). Date:- January - June 2004
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 1.0 degree C

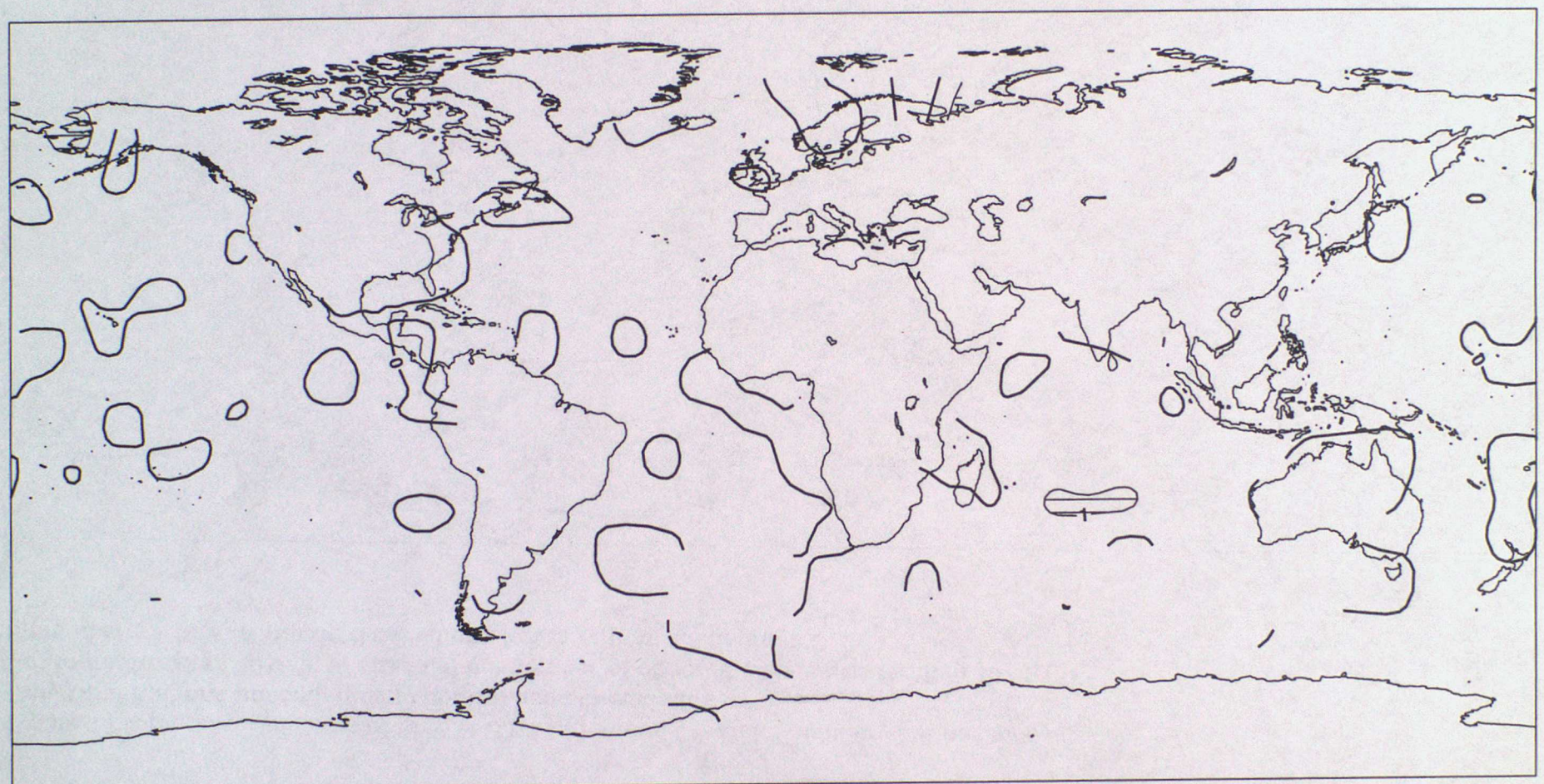


Figure 13: Standard Deviation of Ship O-B SST (degrees C). Date:- January - June 2004
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 3.0 degrees C

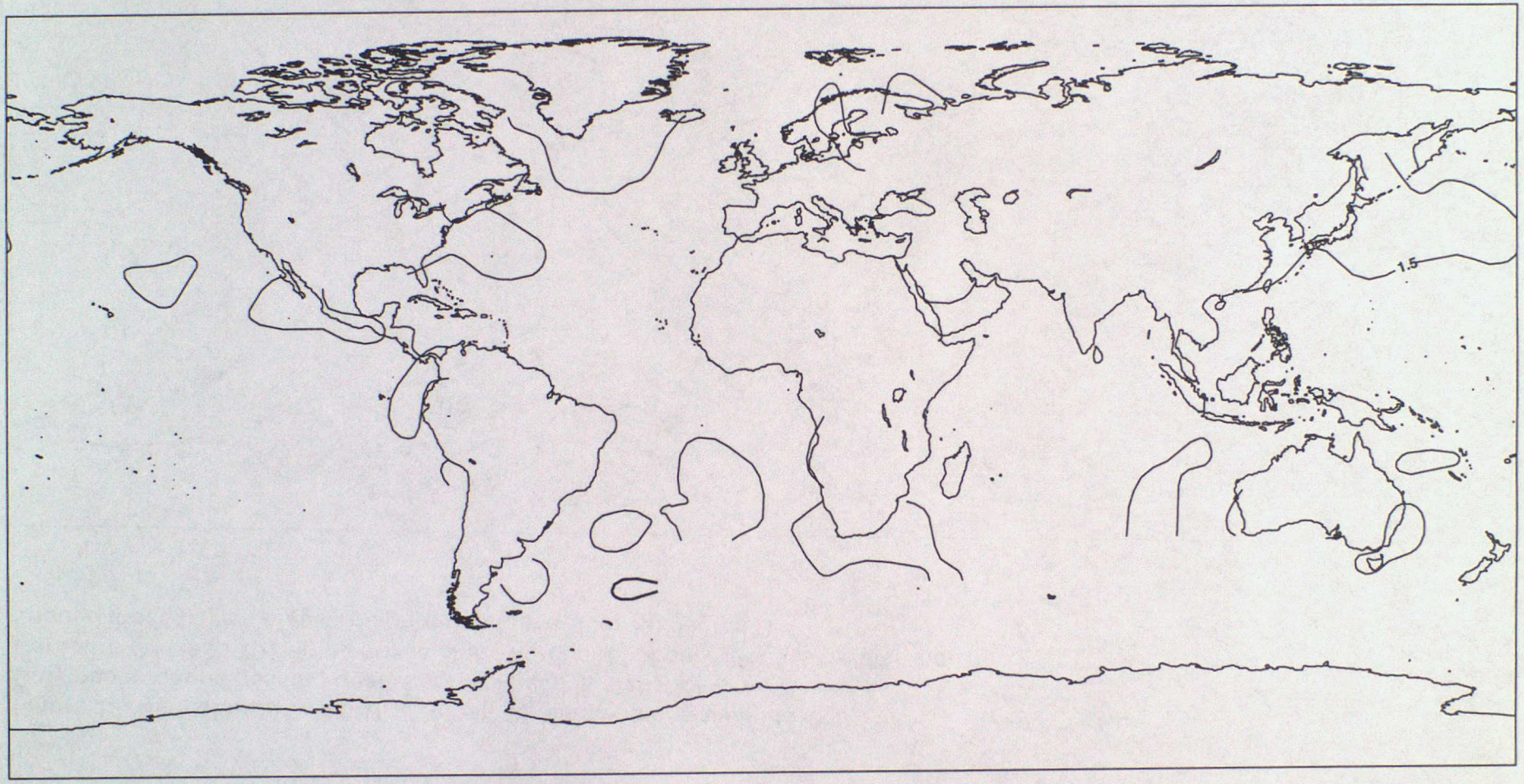
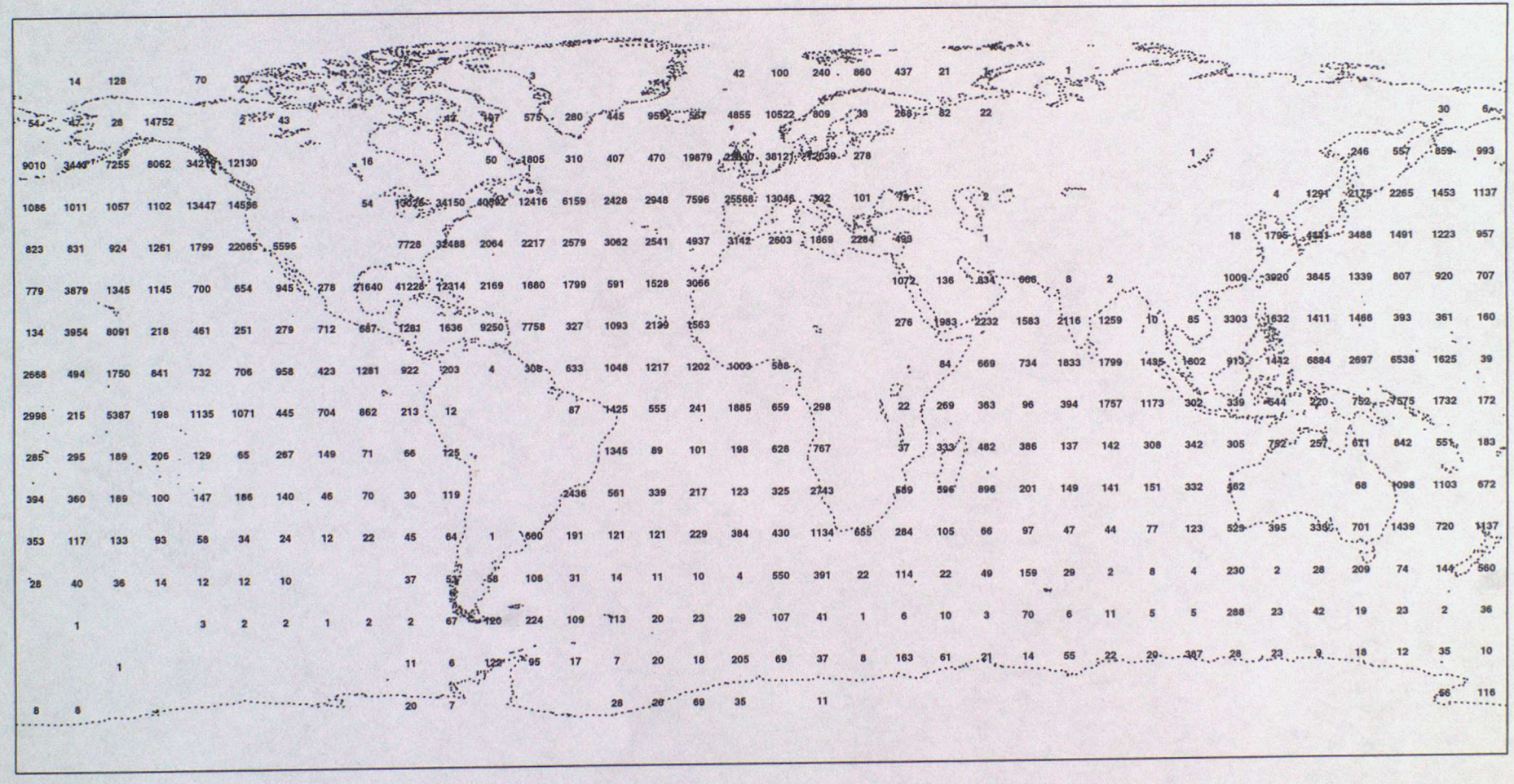


Figure 14:
Plot of the Number of Ship SST Observations. Date:- January - June 2004
Only observations passing quality control included



O-B pressure (hPa) for identifier AUBD
Number of obs. plotted = 46 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier AUBE
Number of obs. plotted = 40 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier AVOSTEST
Number of obs. plotted = 1006 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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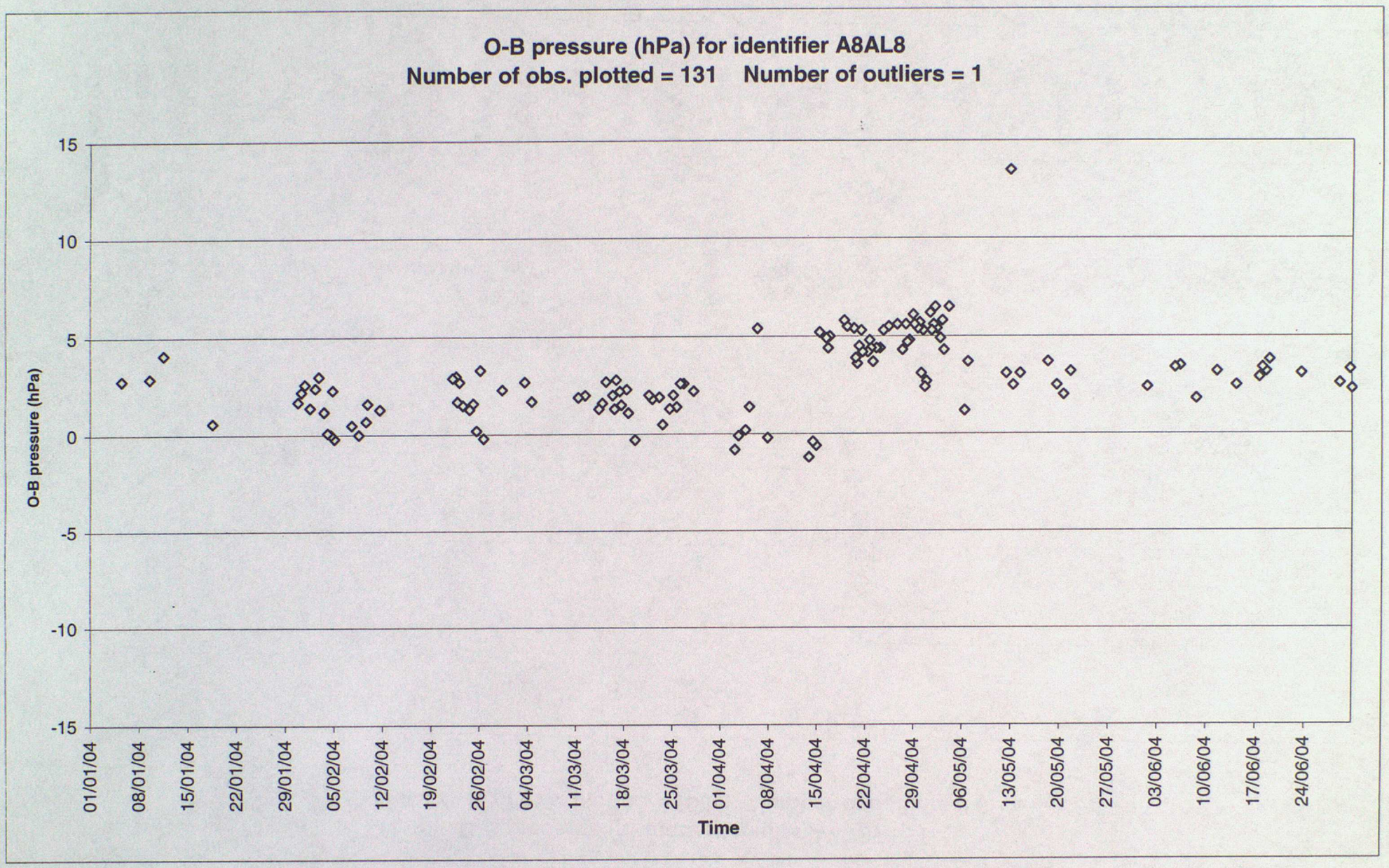
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier A8AL8
Number of obs. plotted = 131 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier A8Cl3
Number of obs. plotted = 132 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier A8DQ9
Number of obs. plotted = 99 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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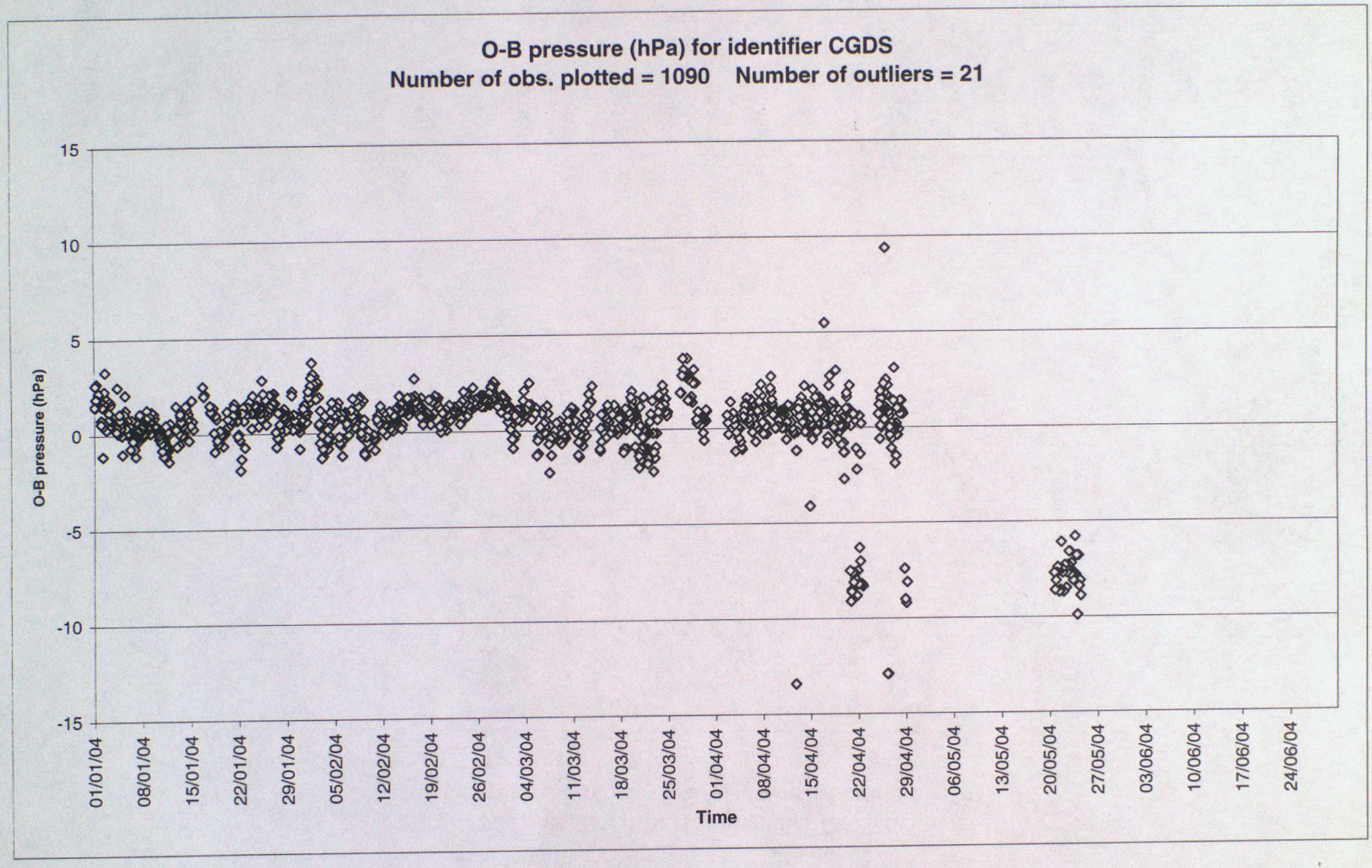
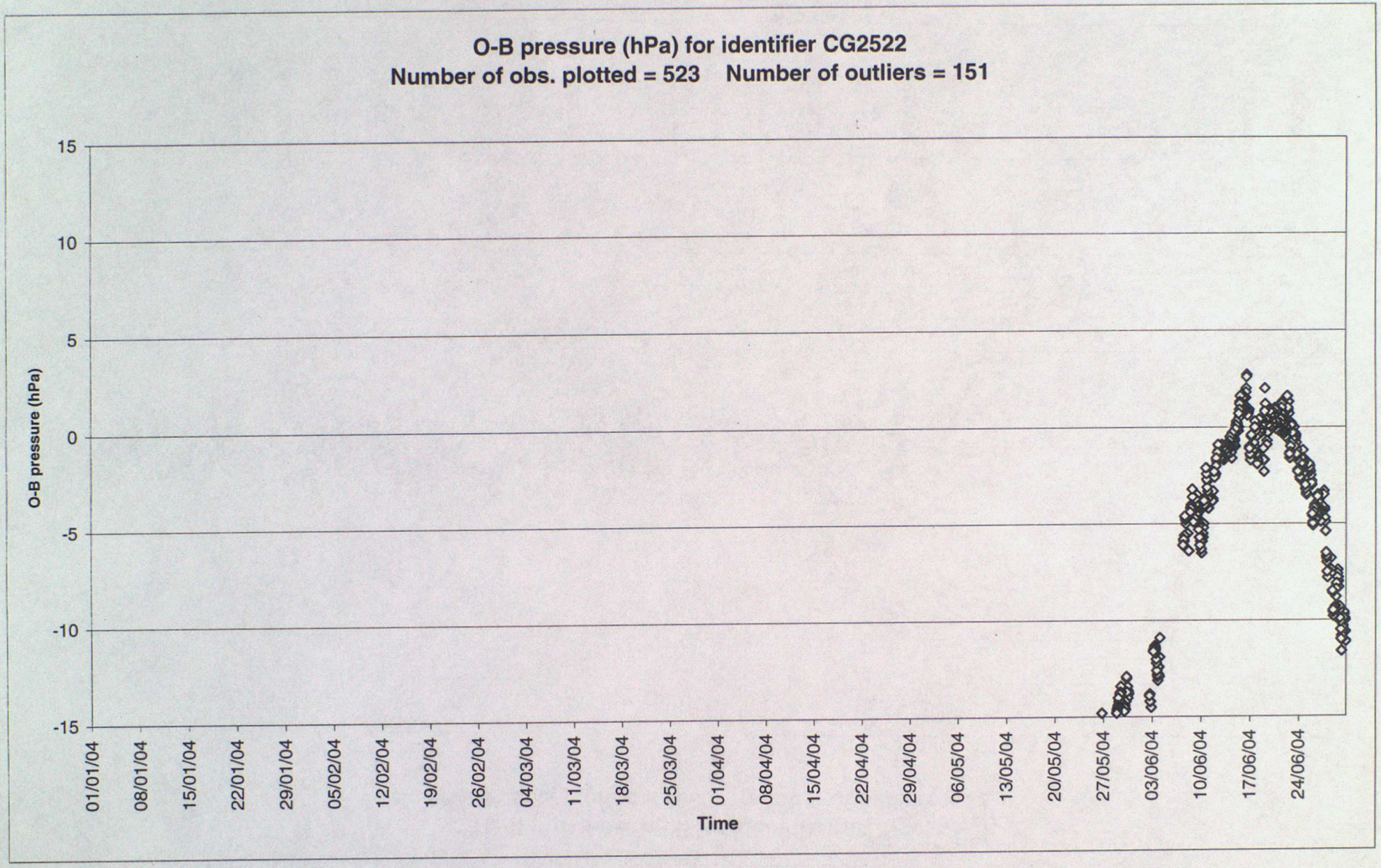
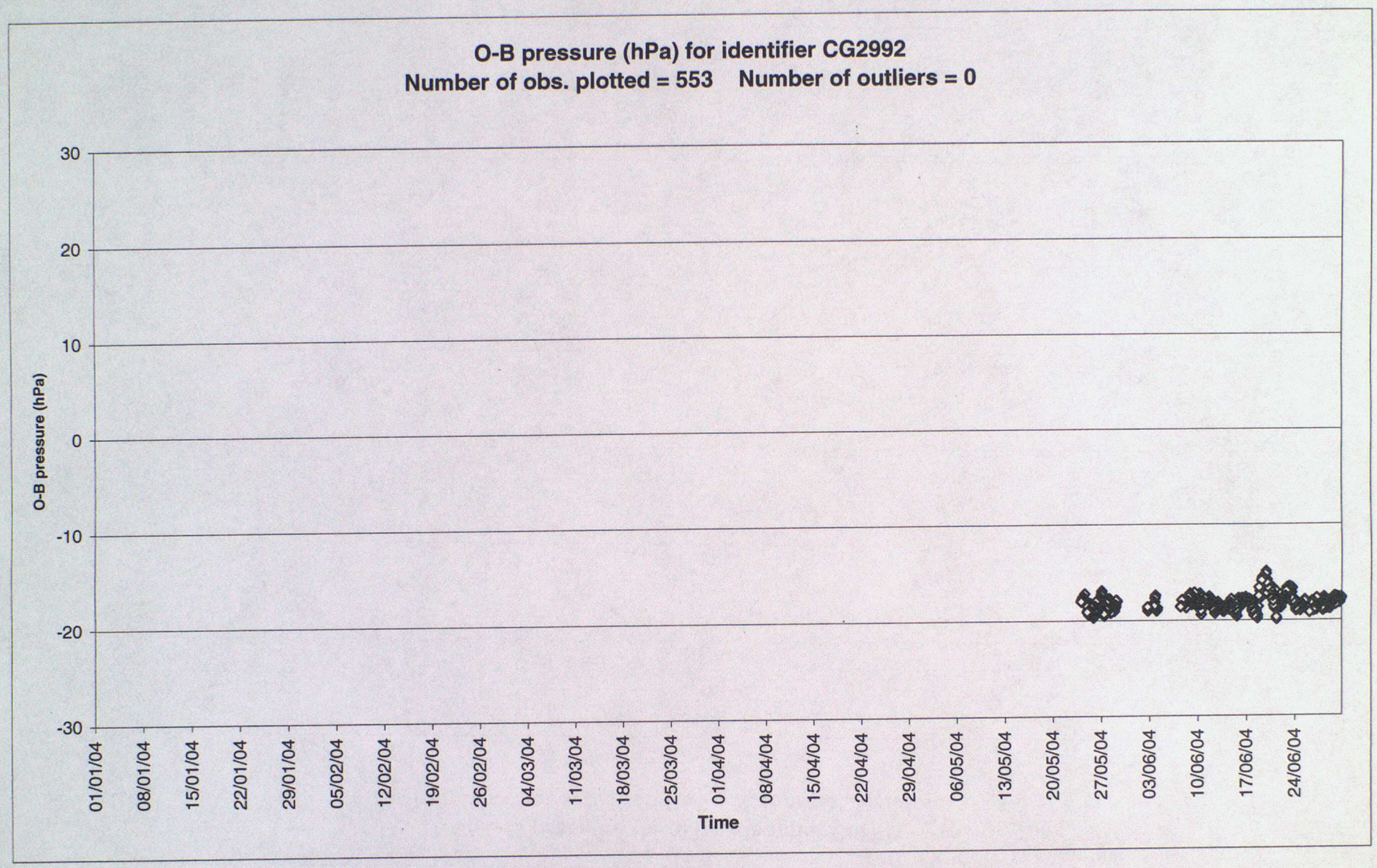
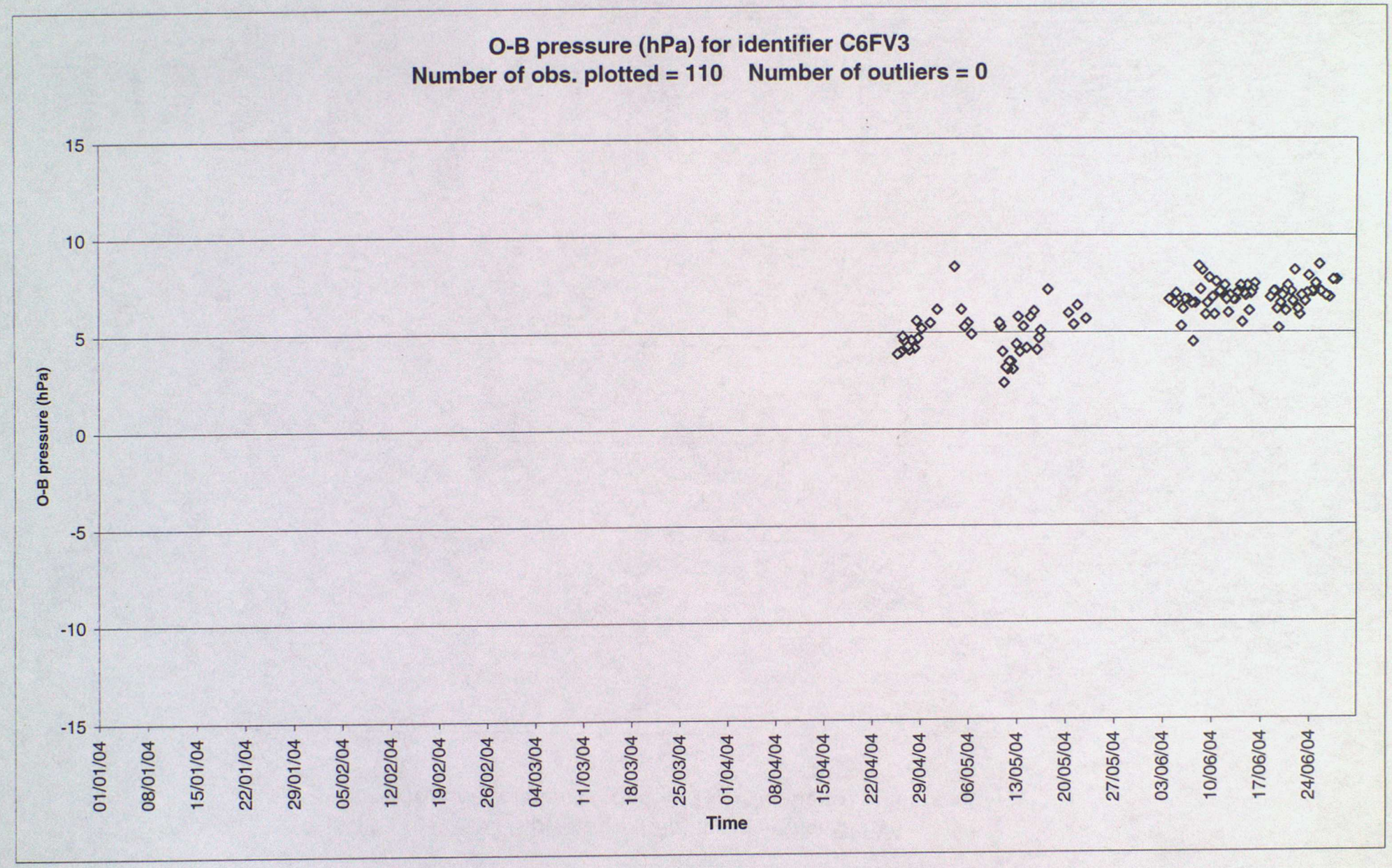
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier CGDS
Number of obs. plotted = 1090 Number of outliers = 21
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier CG2522
Number of obs. plotted = 523 Number of outliers = 151
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier CG2992
Number of obs. plotted = 553 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier C6FT9
Number of obs. plotted = 65 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier C6FV3
Number of obs. plotted = 110 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier C6FV4
Number of obs. plotted = 114 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
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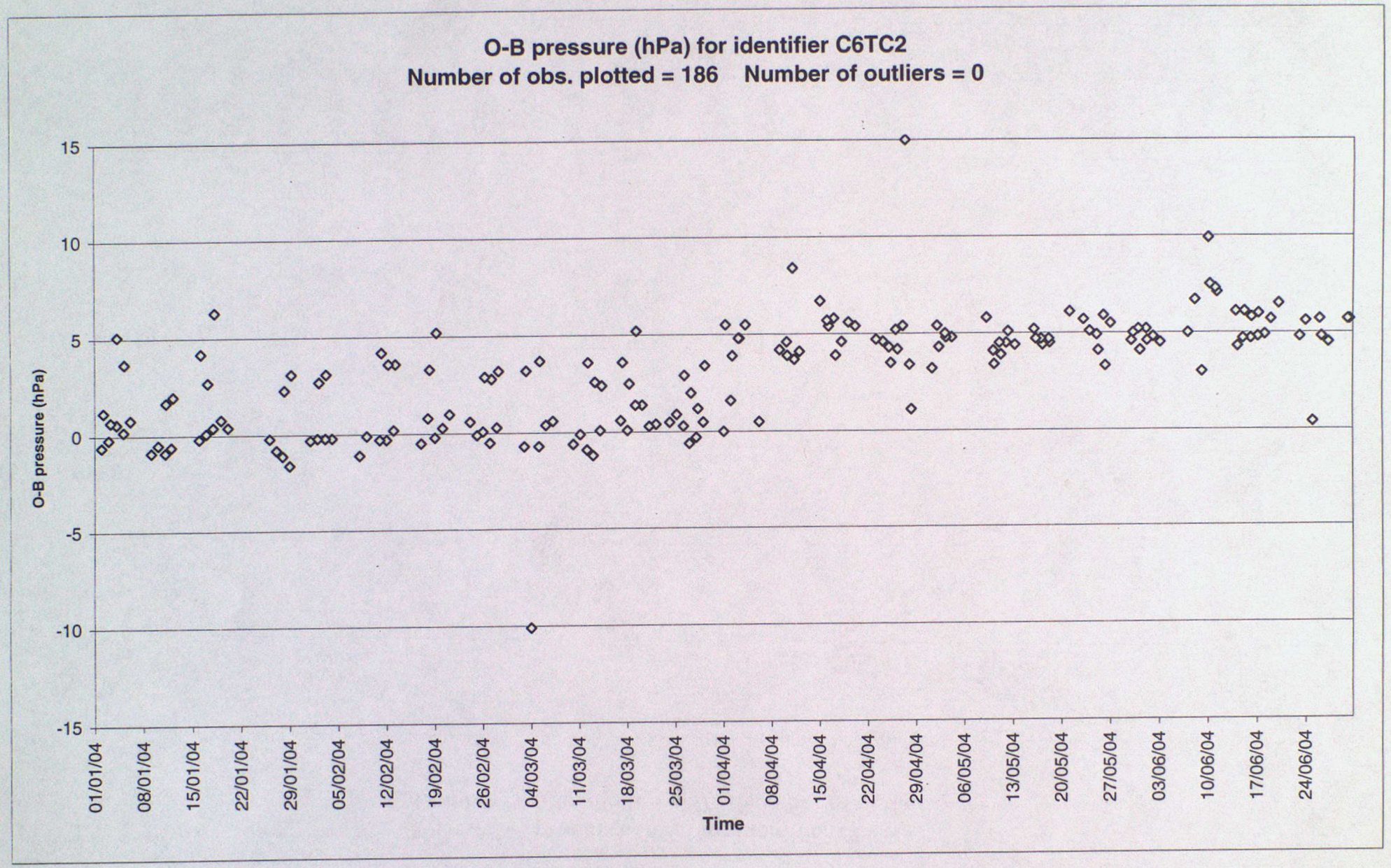
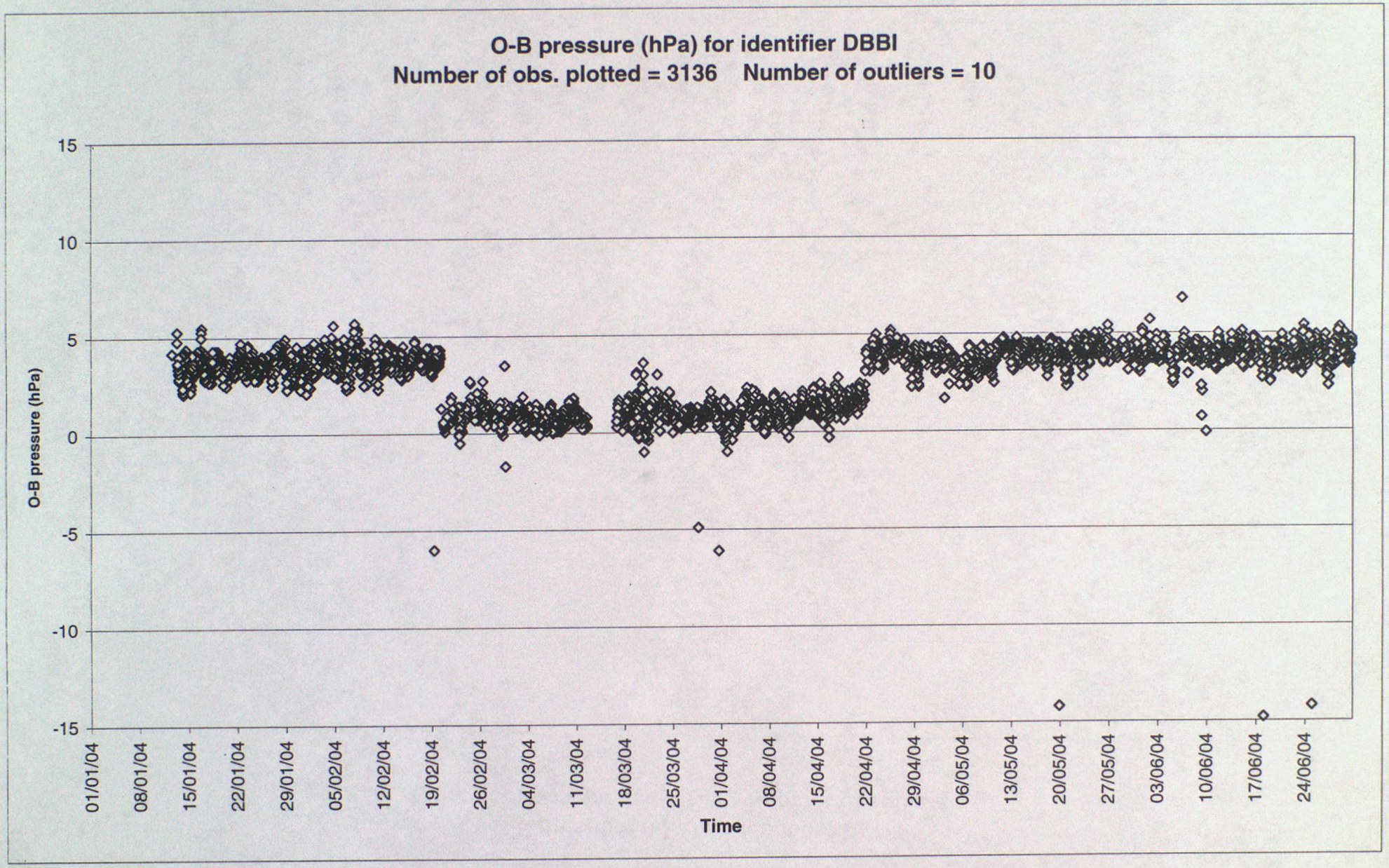
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier C6TC2
Number of obs. plotted = 186 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

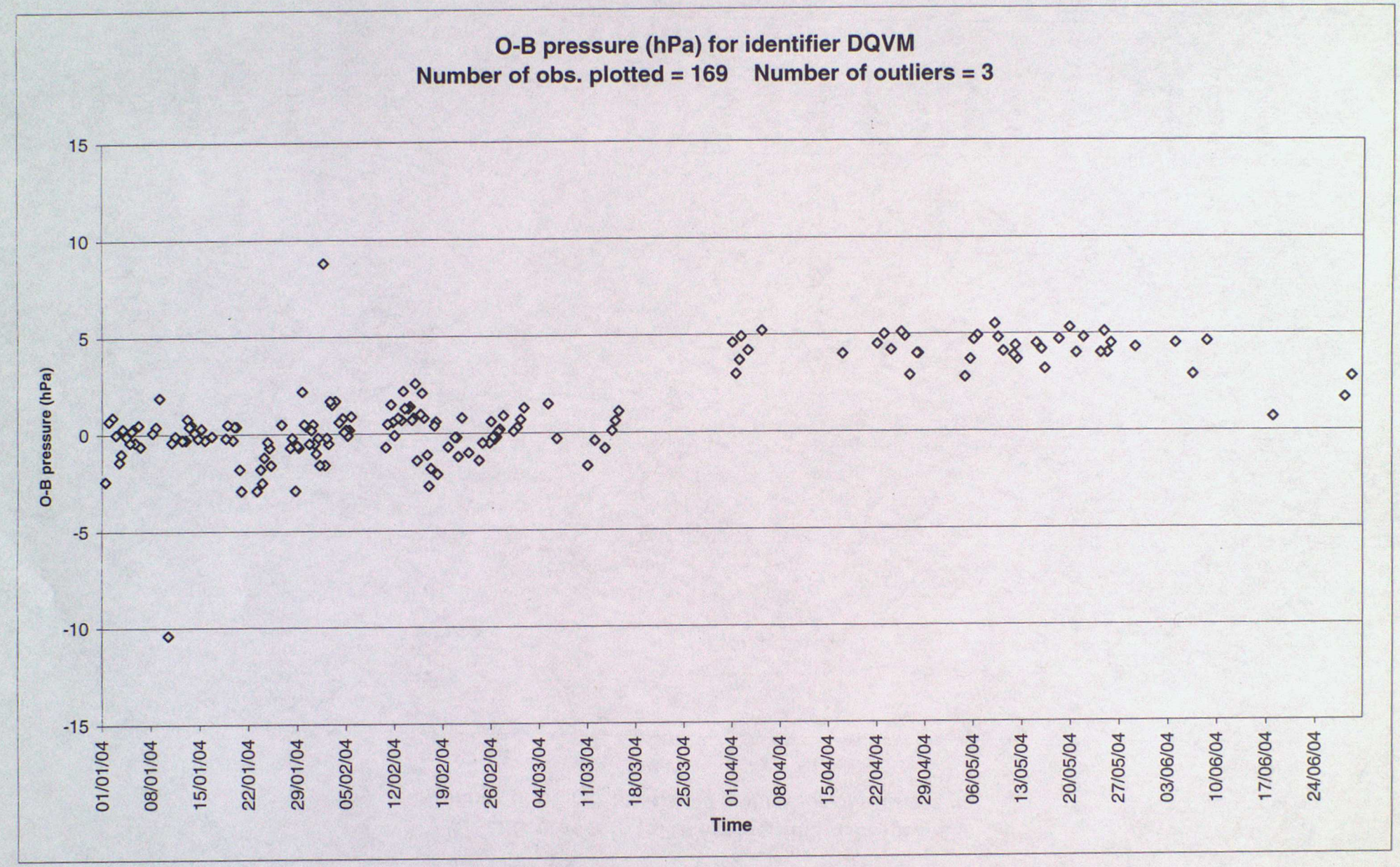
O-B pressure (hPa) for identifier C6YW
Number of obs. plotted = 57 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier DARU
Number of obs. plotted = 120 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier DBBI
Number of obs. plotted = 3136 Number of outliers = 10
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier DMRX
Number of obs. plotted = 196 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

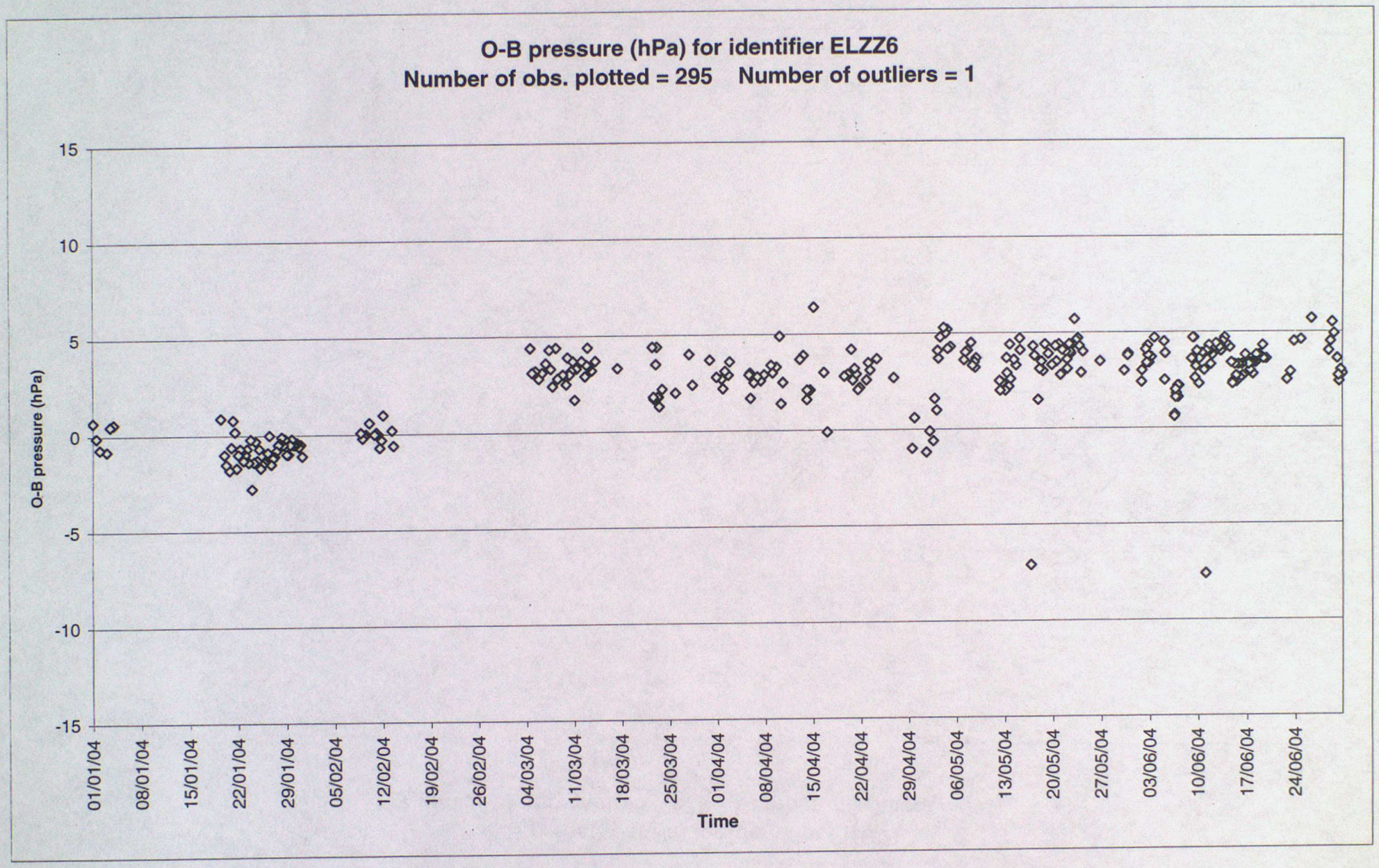
O-B pressure (hPa) for identifier DPUW
Number of obs. plotted = 104 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier DQVM
Number of obs. plotted = 169 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier ELSR6
Number of obs. plotted = 40 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier ELVY8
Number of obs. plotted = 58 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier ELZN3
Number of obs. plotted = 164 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier ELZZ6
Number of obs. plotted = 295 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier FNGP
Number of obs. plotted = 679 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier H9LW
Number of obs. plotted = 123 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier JHHU
Number of obs. plotted = 50 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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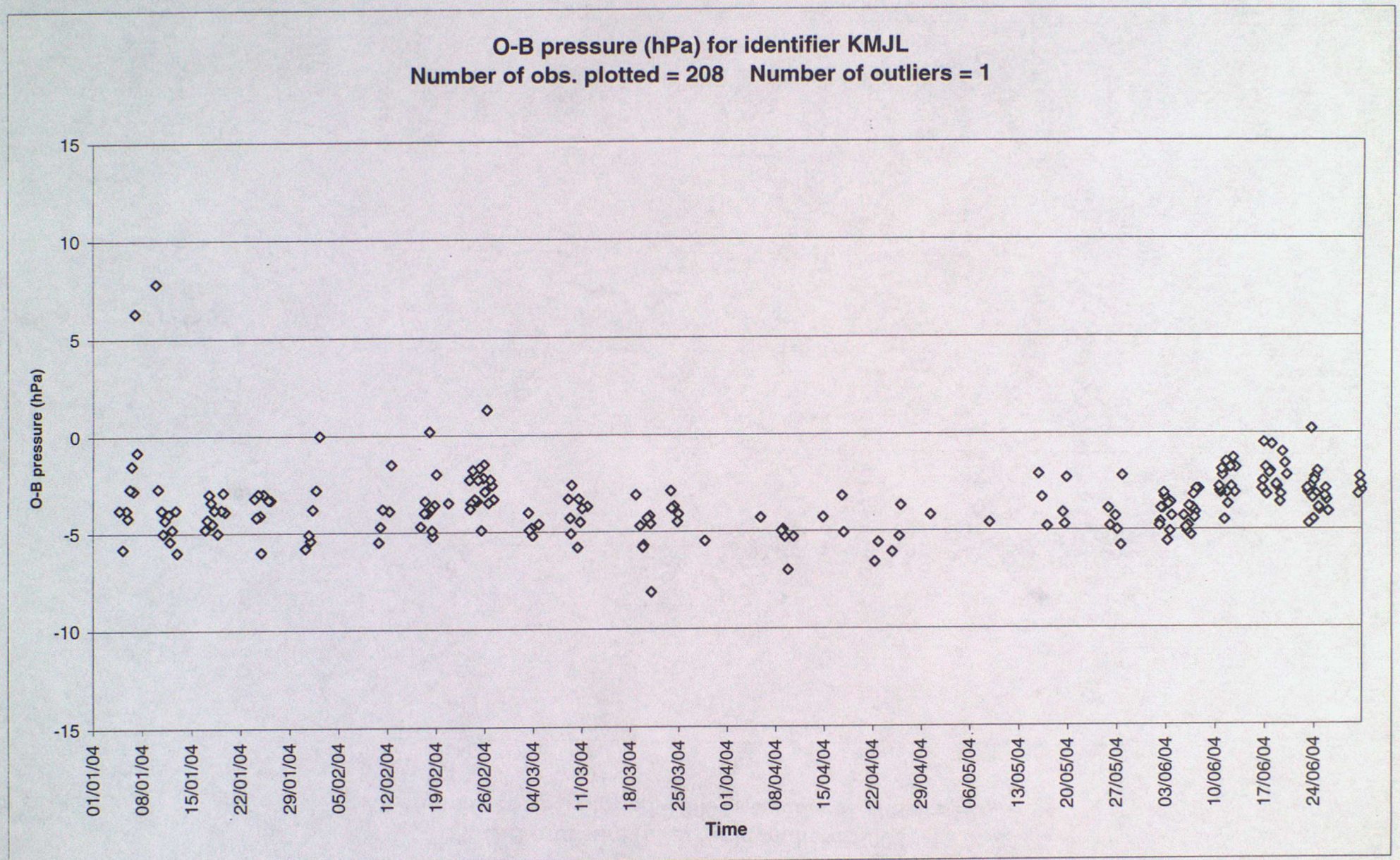
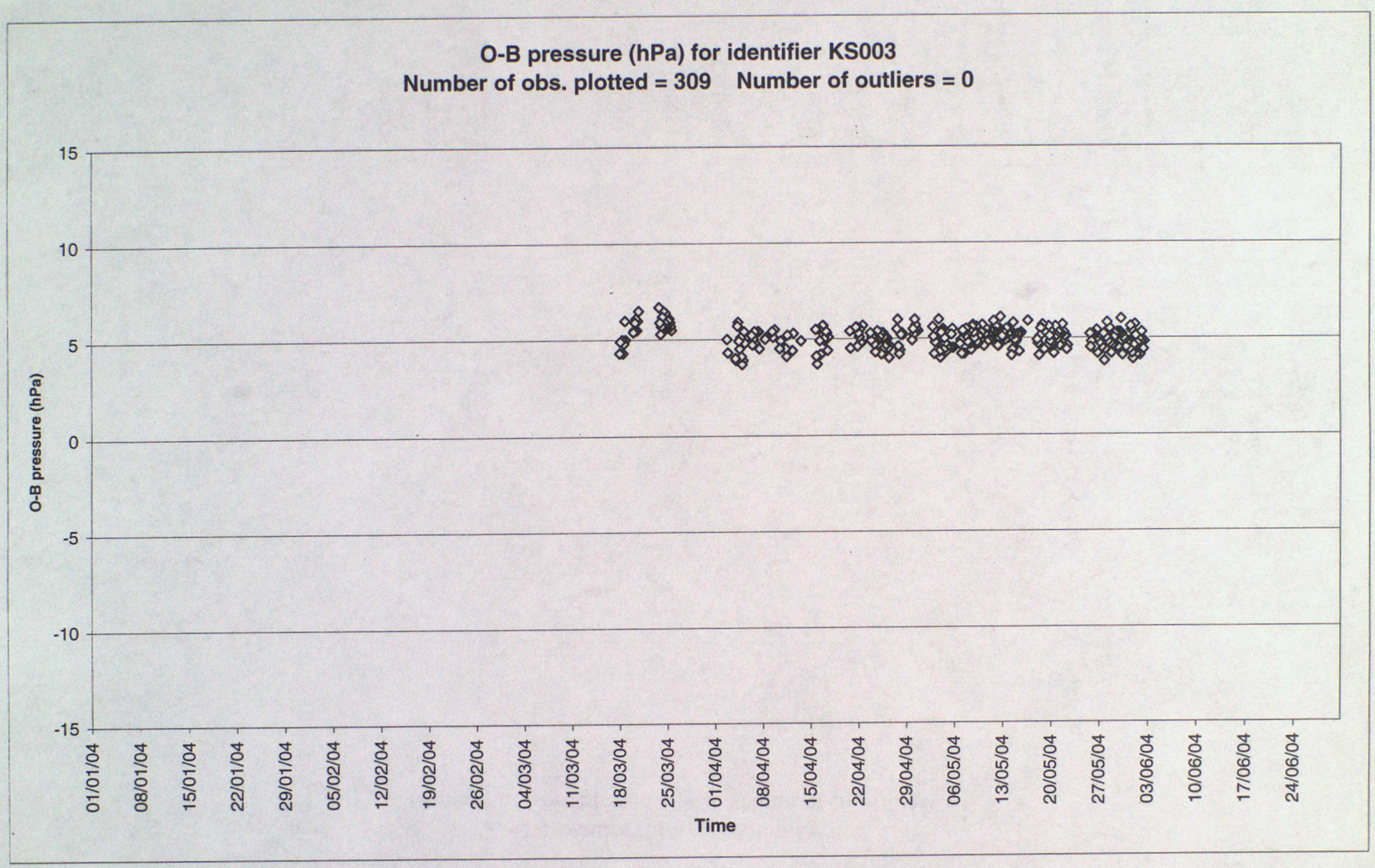
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier KMJL
Number of obs. plotted = 208 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier KS003
Number of obs. plotted = 309 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier KS005
Number of obs. plotted = 410 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
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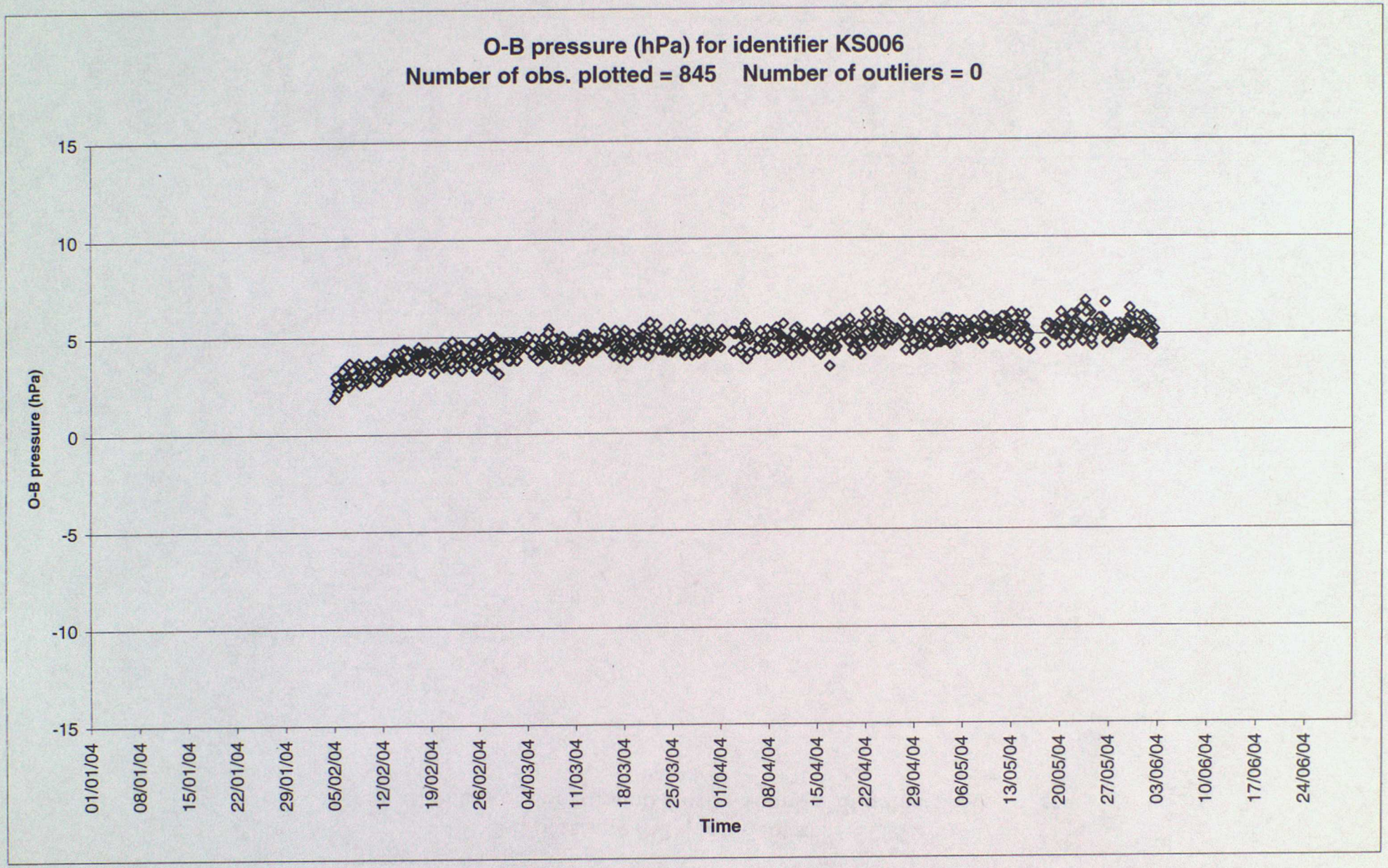
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier KS006
Number of obs. plotted = 845 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier LADQ4
Number of obs. plotted = 36 Number of outliers = 4
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier OUQK2
Number of obs. plotted = 49 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

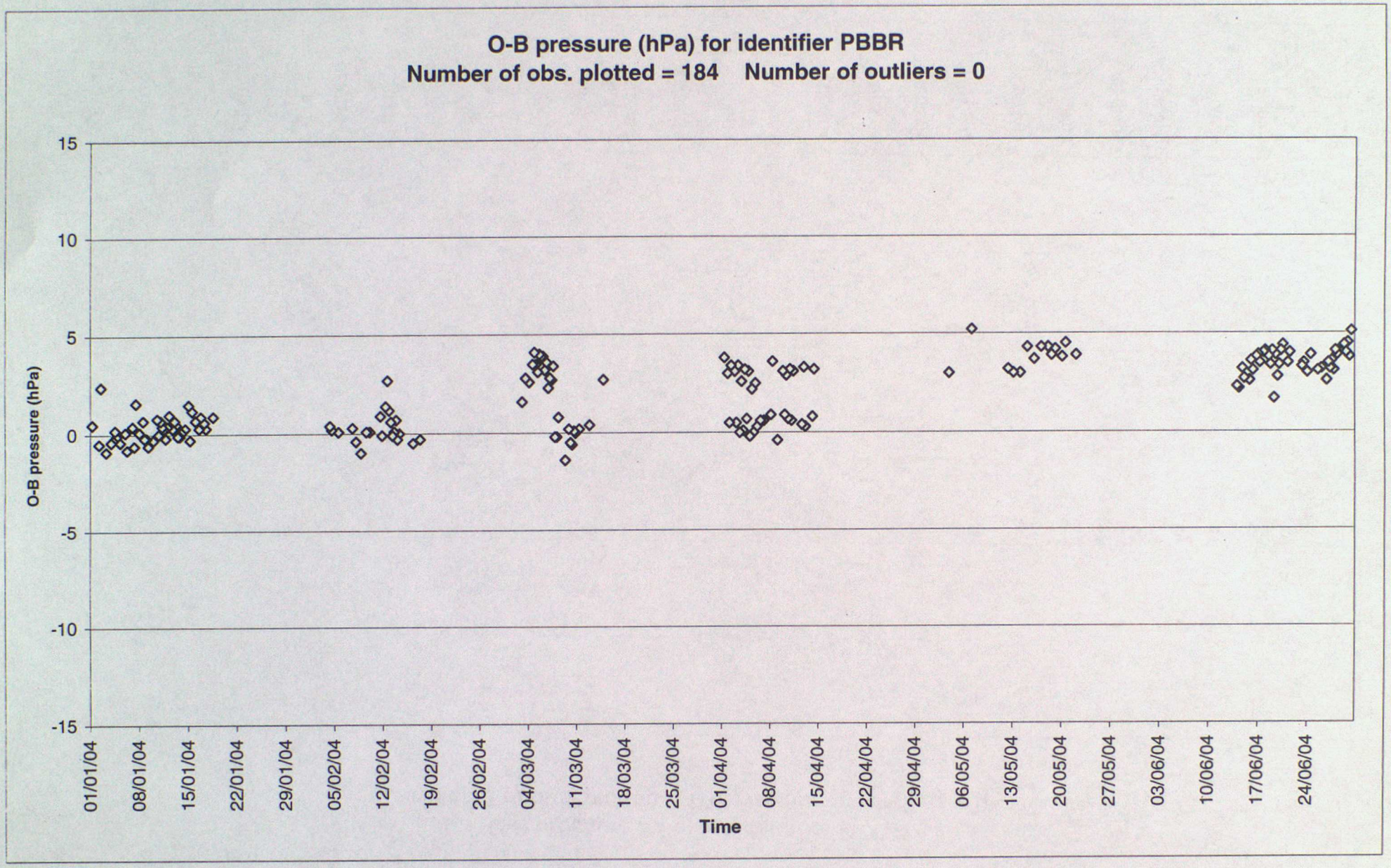
O-B pressure (hPa) for identifier OVZV2
Number of obs. plotted = 157 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier OWTW2
Number of obs. plotted = 156 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

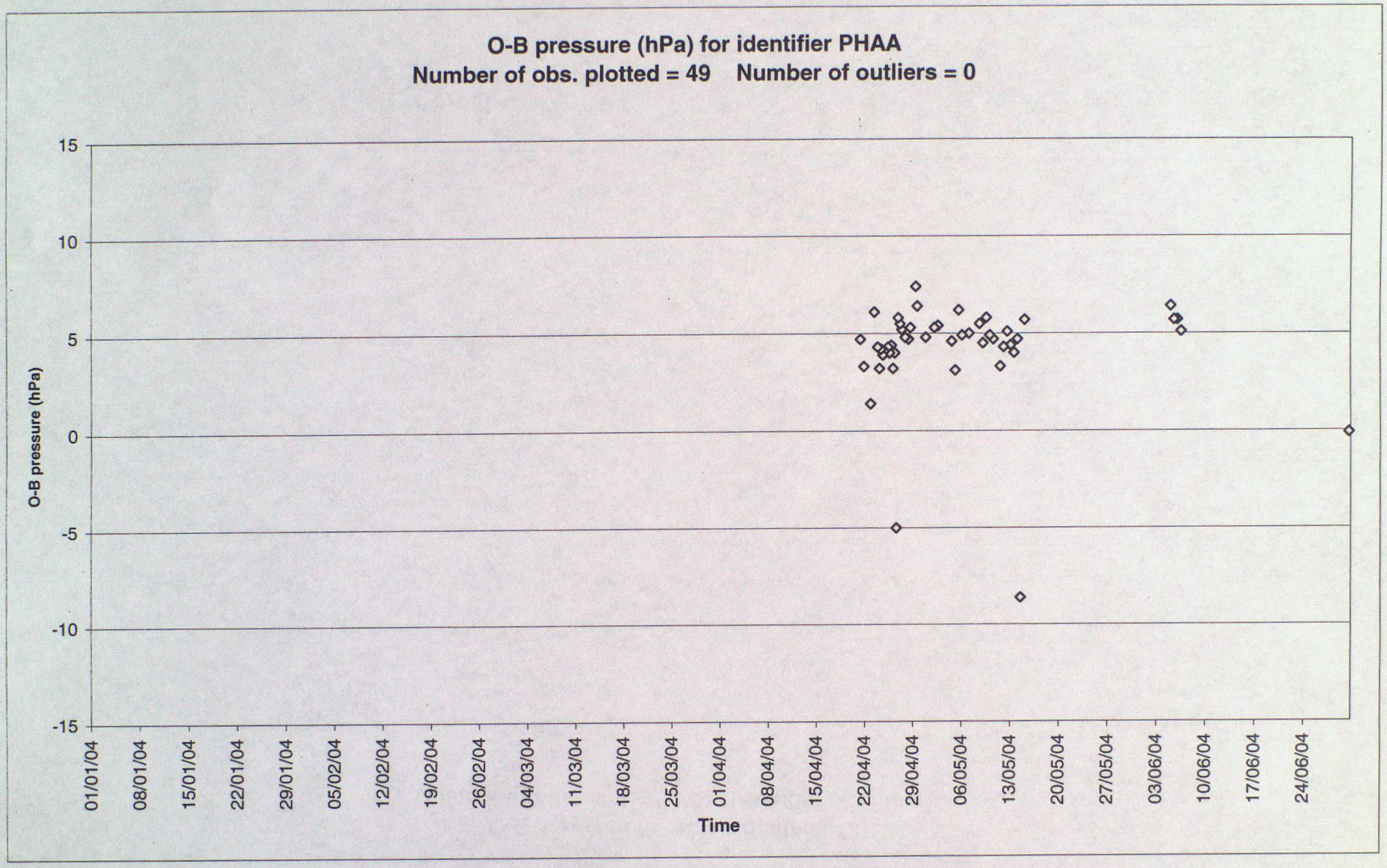
O-B pressure (hPa) for identifier OWWS2
Number of obs. plotted = 76 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier OXFU2
Number of obs. plotted = 105 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier OZTS2
Number of obs. plotted = 170 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

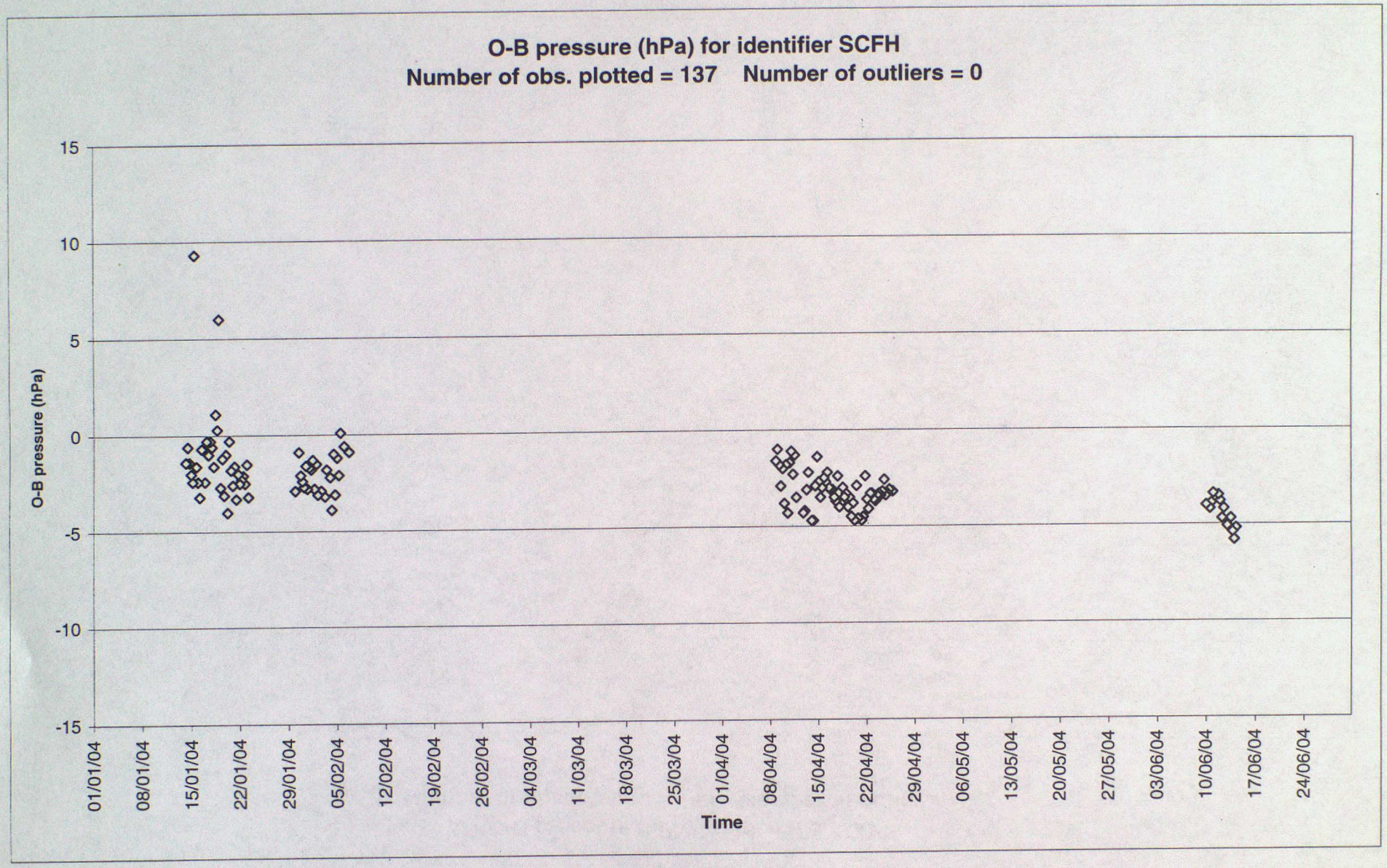

O-B pressure (hPa) for identifier PBBR
Number of obs. plotted = 184 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier PGON
Number of obs. plotted = 44 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

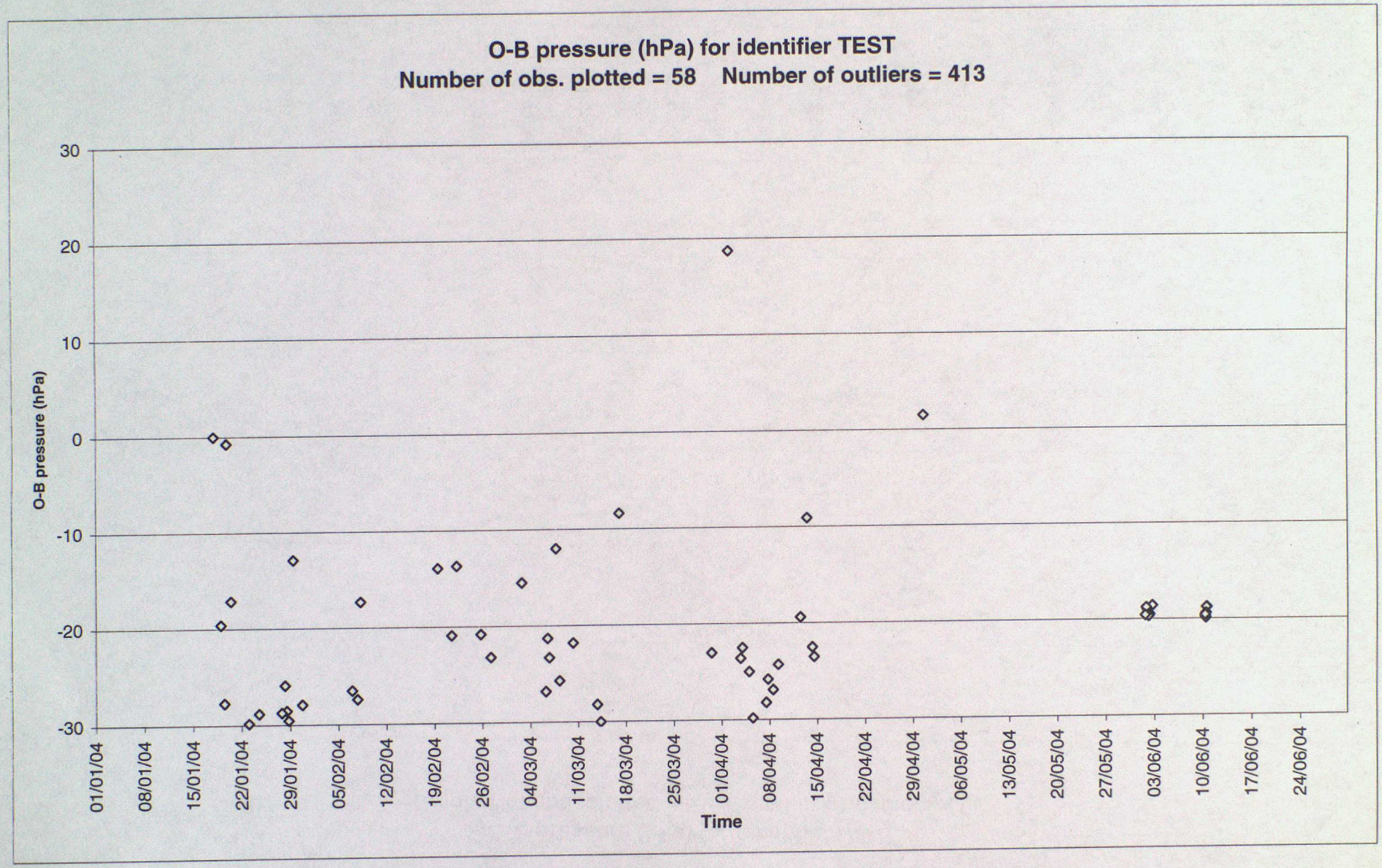

O-B pressure (hPa) for identifier PHAA
Number of obs. plotted = 49 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier PHAL
Number of obs. plotted = 66 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier P3NK5
Number of obs. plotted = 69 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier SCFH
Number of obs. plotted = 137 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

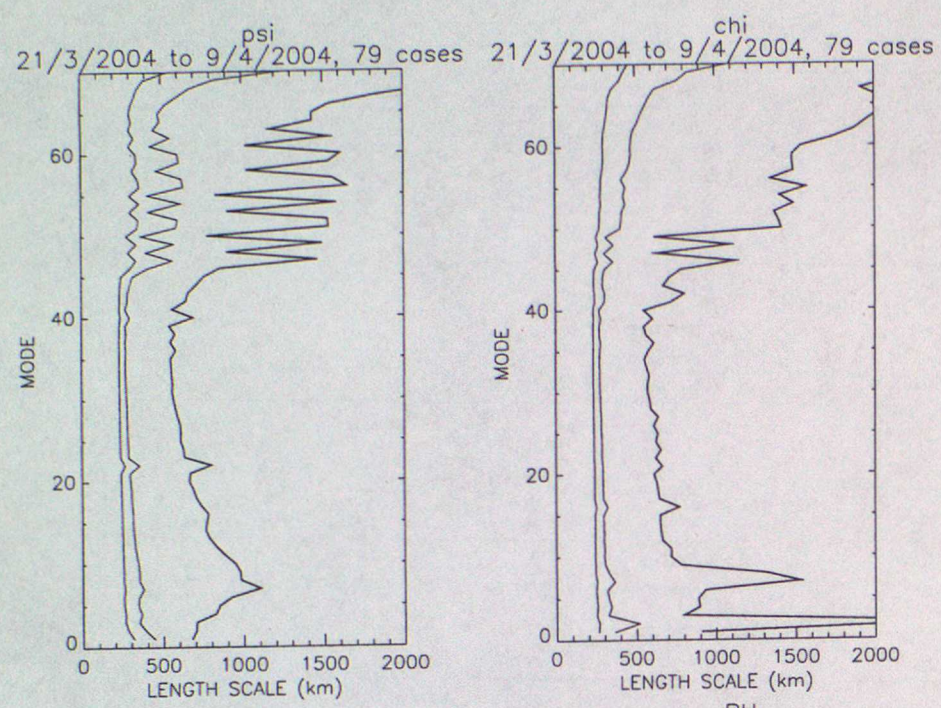
O-B pressure (hPa) for identifier SXVF
Number of obs. plotted = 138 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier TEST
Number of obs. plotted = 58 Number of outliers = 413
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

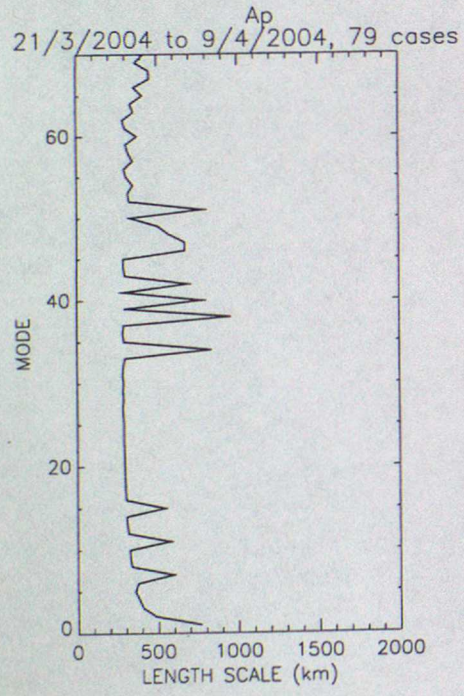
O-B pressure (hPa) for identifier UANF
Number of obs. plotted = 51 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

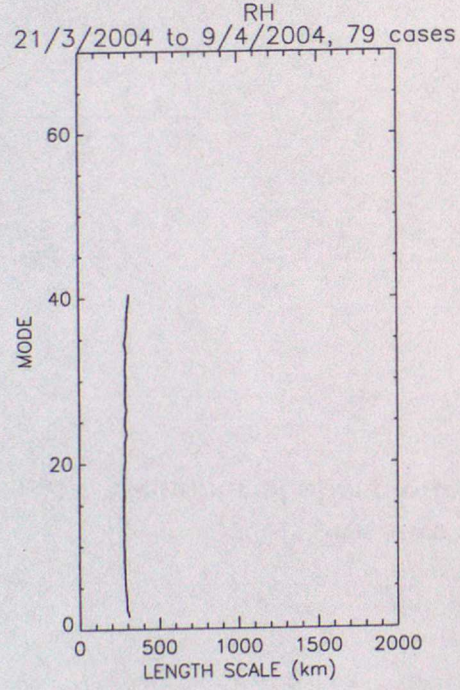
O-B pressure (hPa) for identifier UCAB
Number of obs. plotted = 143 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier UCCH
Number of obs. plotted = 116 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


psi
21/3/2004 to 9/4/2004, 79 cases
MODE
0
20
40
60
0
500
1000
1500
2000
LENGTH SCALE (km)

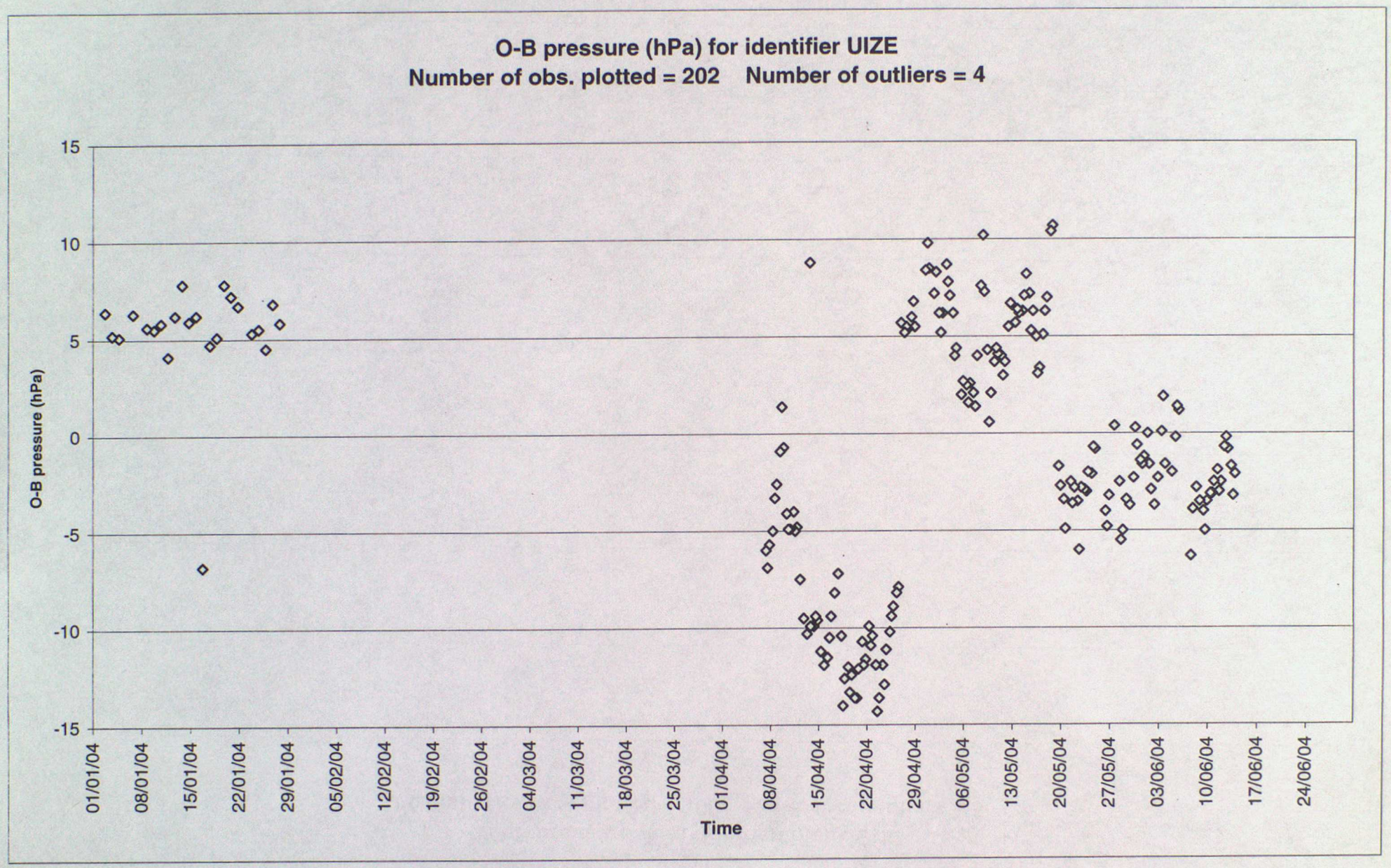
chi
21/3/2004 to 9/4/2004, 79 cases
MODE
0
20
40
60
0
500
1000
1500
2000
LENGTH SCALE (km)


Ap
21/3/2004 to 9/4/2004, 79 cases
MODE
0
20
40
60
0
500
1000
1500
2000
LENGTH SCALE (km)


RH
21/3/2004 to 9/4/2004, 79 cases
MODE
0
20
40
60
0
500
1000
1500
2000
LENGTH SCALE (km)

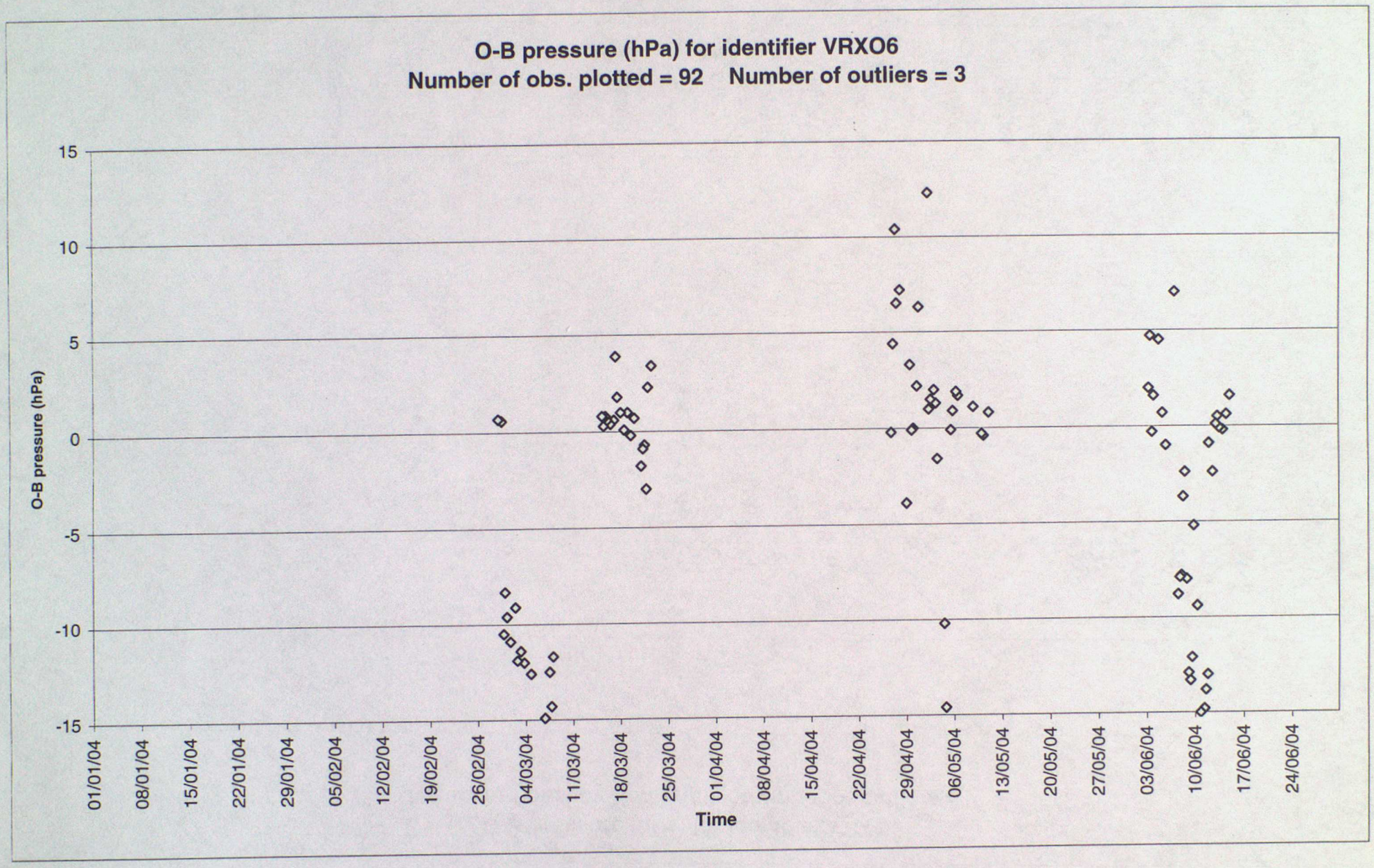
O-B pressure (hPa) for identifier UCTZ
Number of obs. plotted = 42 Number of outliers = 11
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

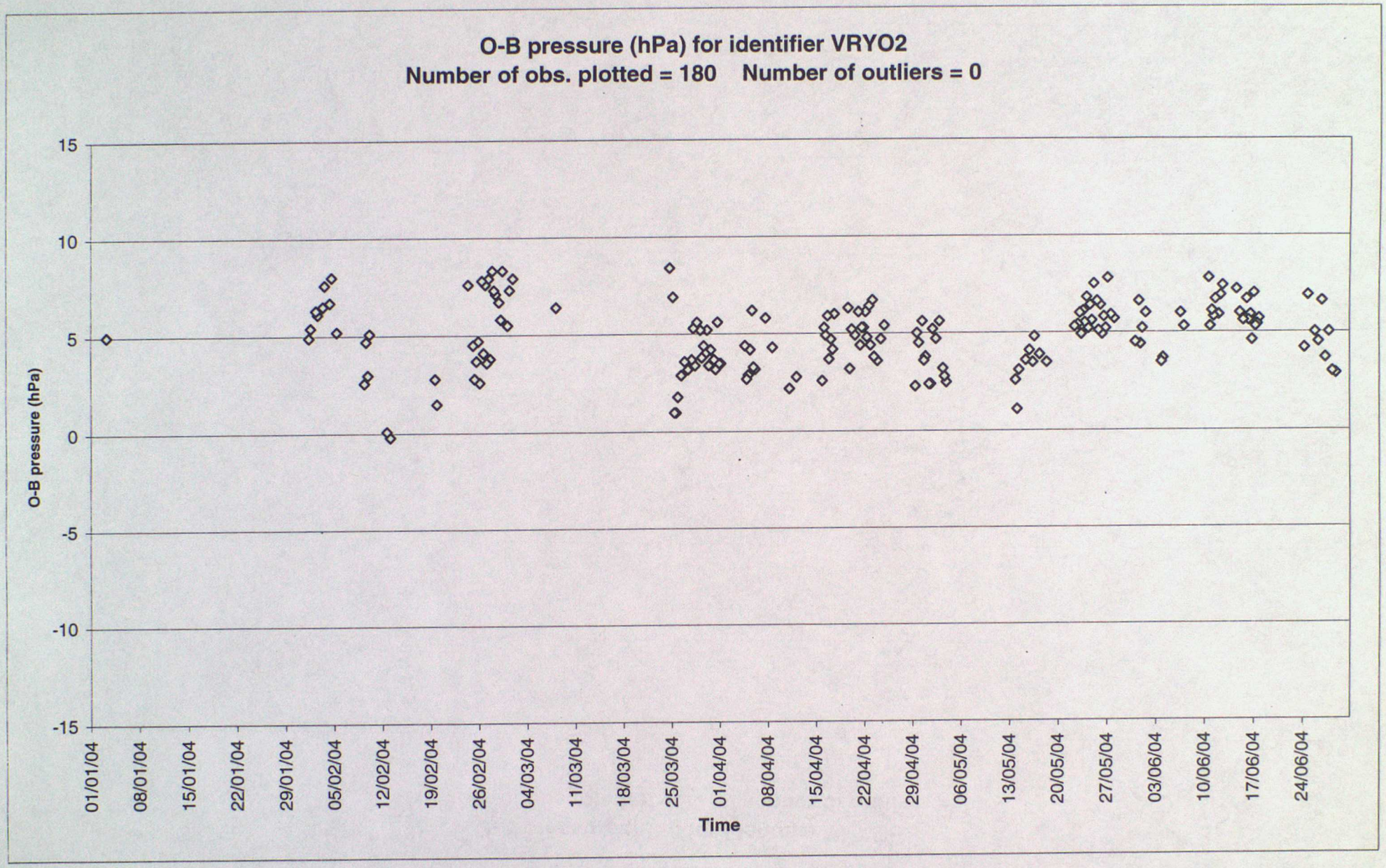
O-B pressure (hPa) for identifier UCUO
Number of obs. plotted = 106 Number of outliers = 5
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier UIZE
Number of obs. plotted = 202 Number of outliers = 4
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier VOTV
Number of obs. plotted = 54 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

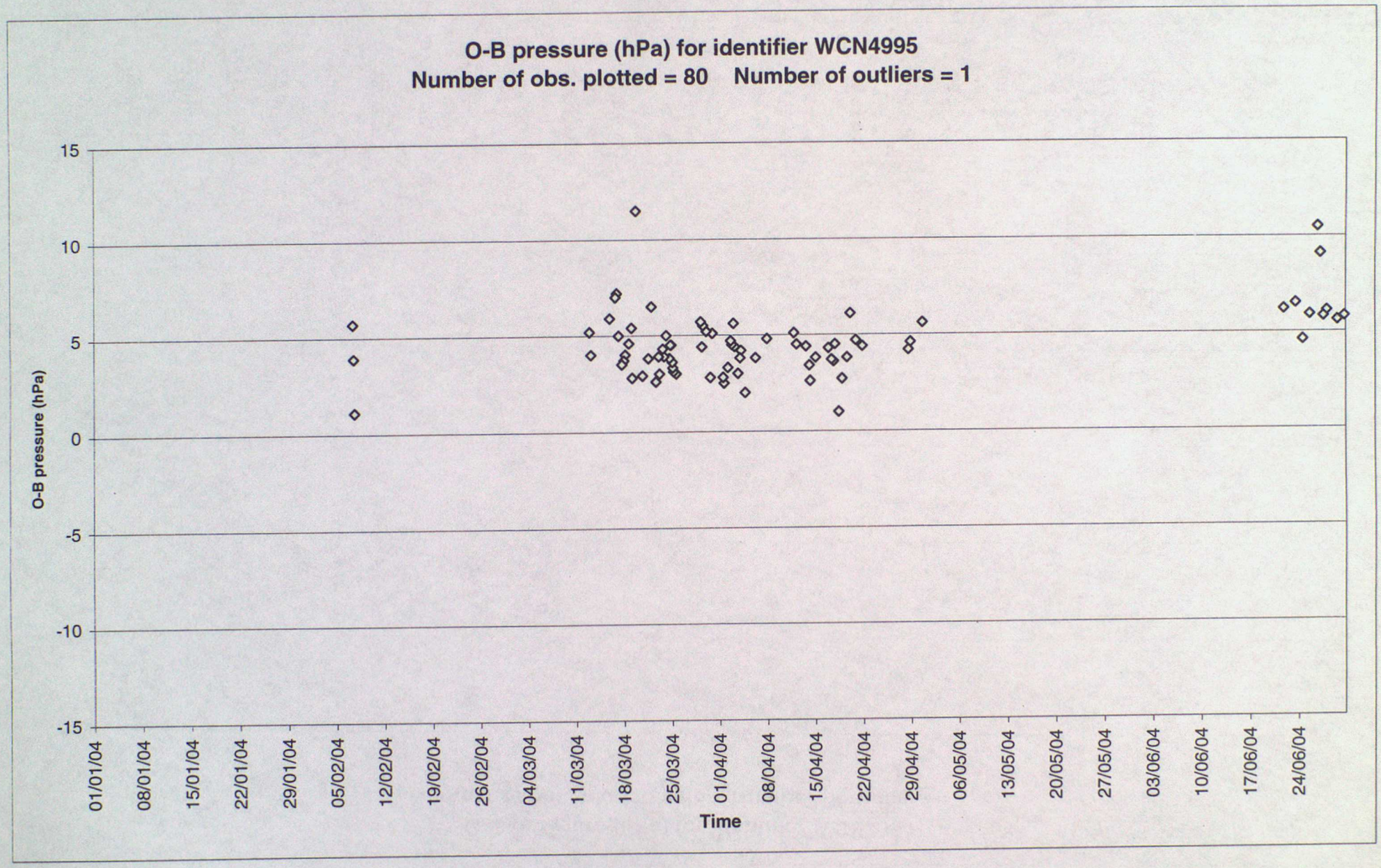
O-B pressure (hPa) for identifier VQBW2
Number of obs. plotted = 101 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

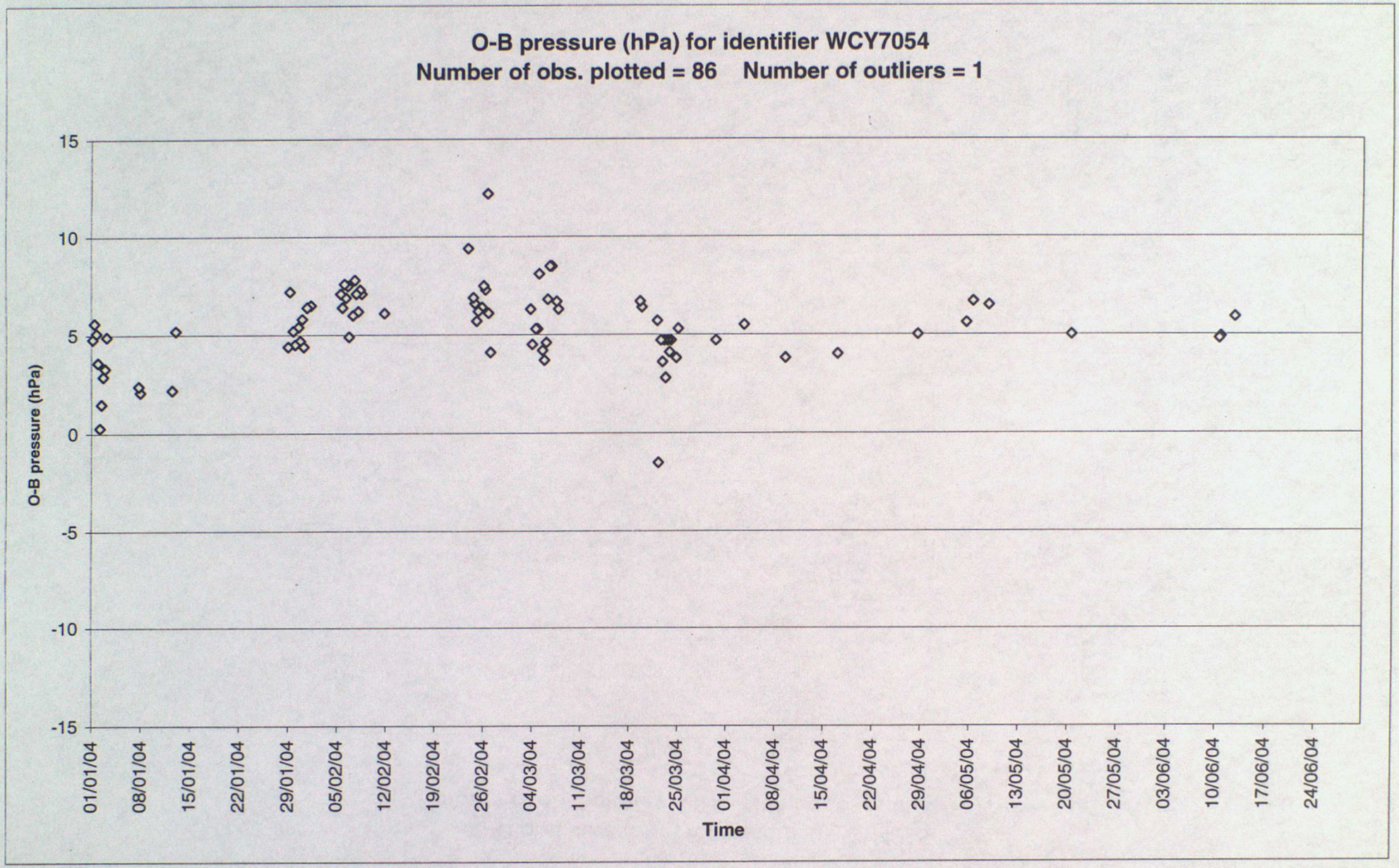

O-B pressure (hPa) for identifier VRXO6
Number of obs. plotted = 92 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

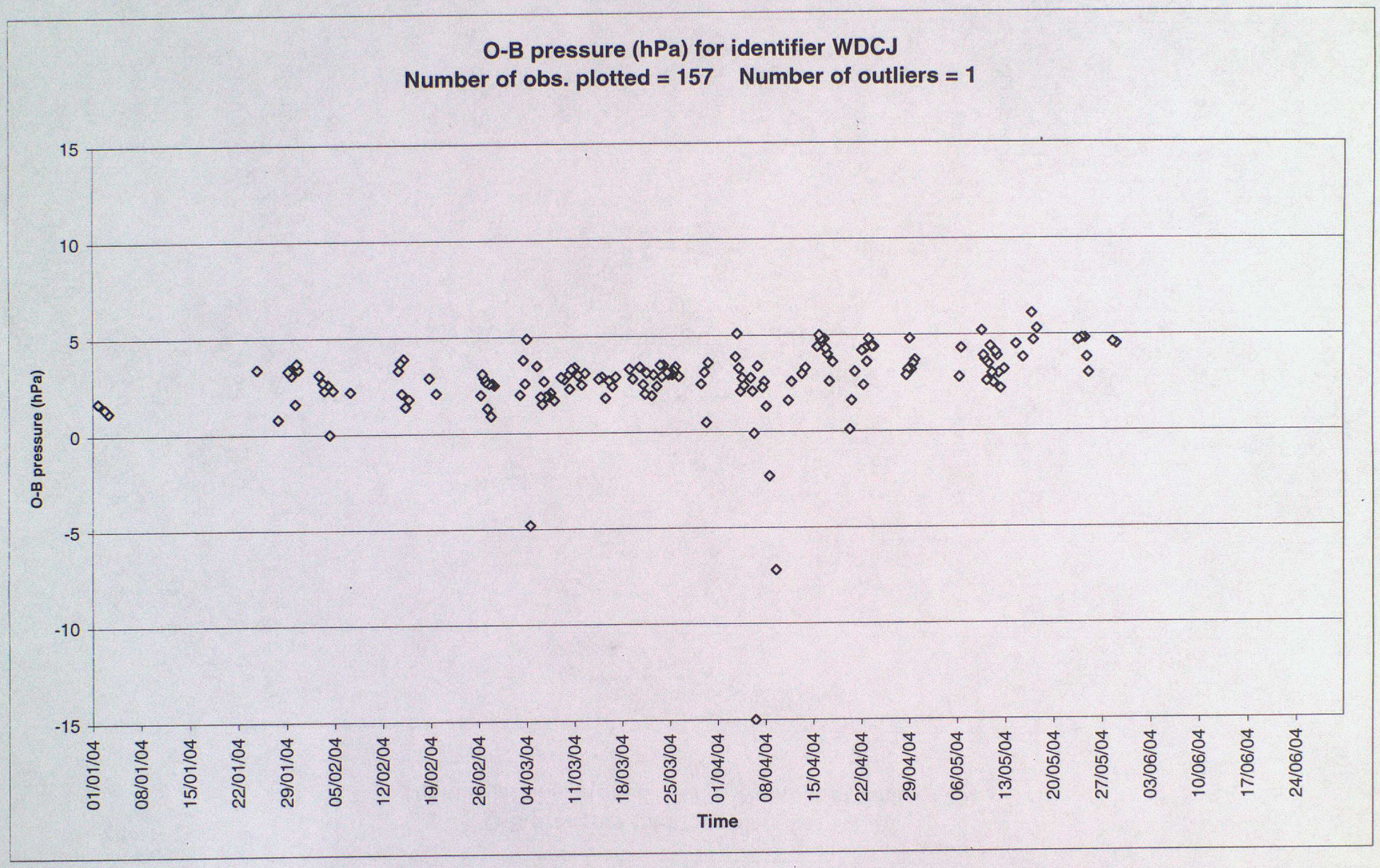

O-B pressure (hPa) for identifier VRYO2
Number of obs. plotted = 180 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier V7CY9
Number of obs. plotted = 59 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier V7JE5
Number of obs. plotted = 90 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

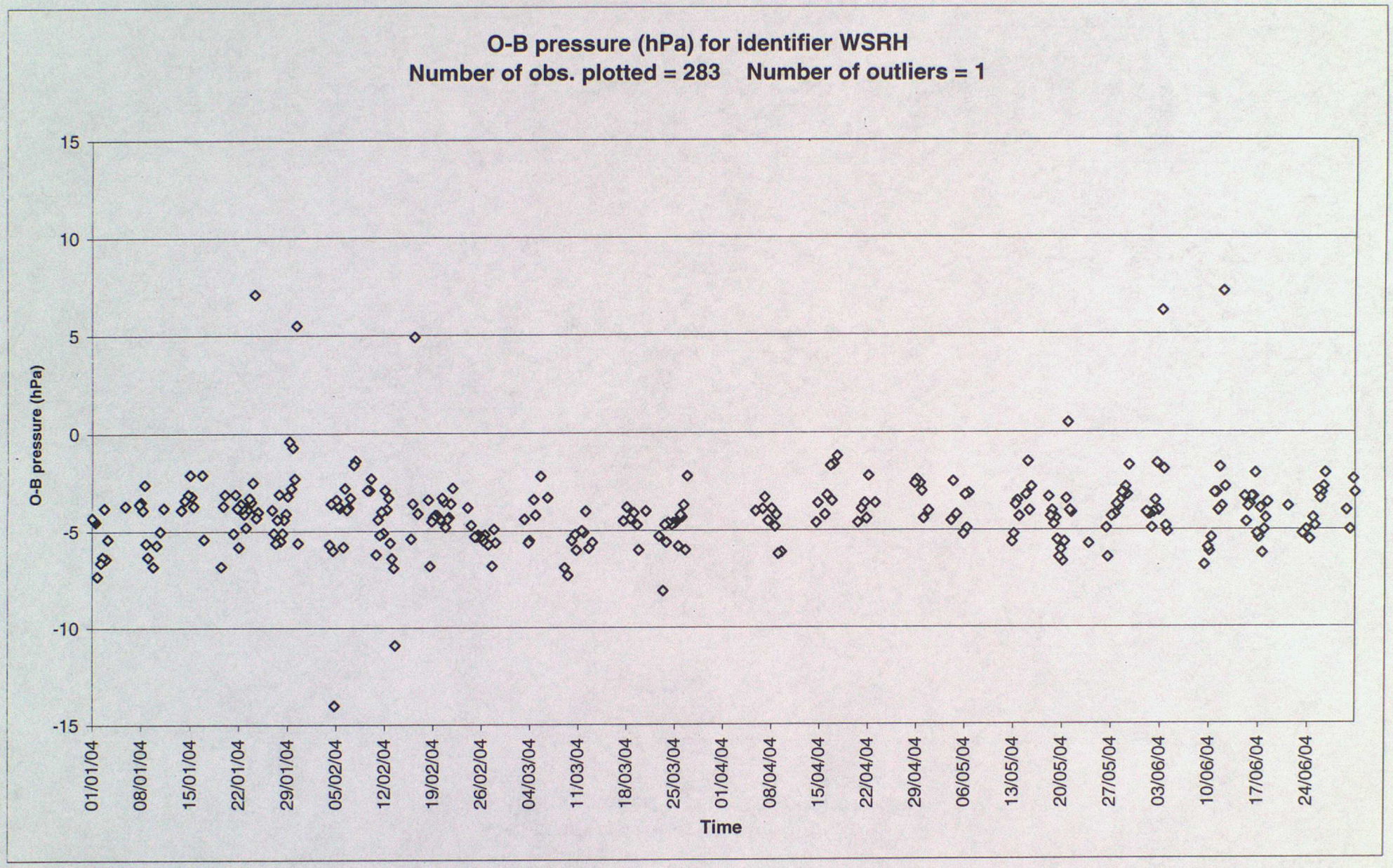

O-B pressure (hPa) for identifier WCN4995
Number of obs. plotted = 80 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

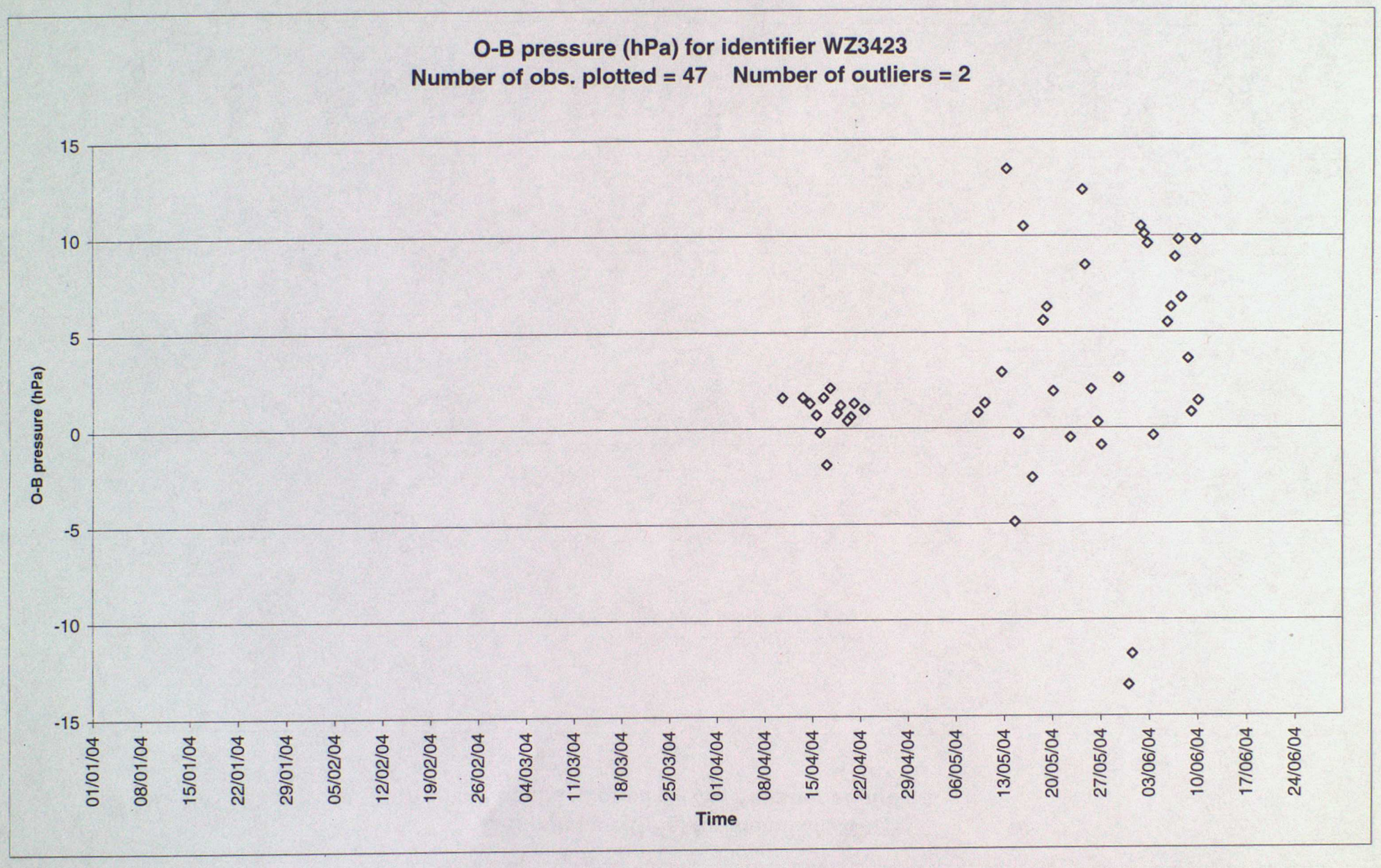

O-B pressure (hPa) for identifier WCY7054
Number of obs. plotted = 86 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

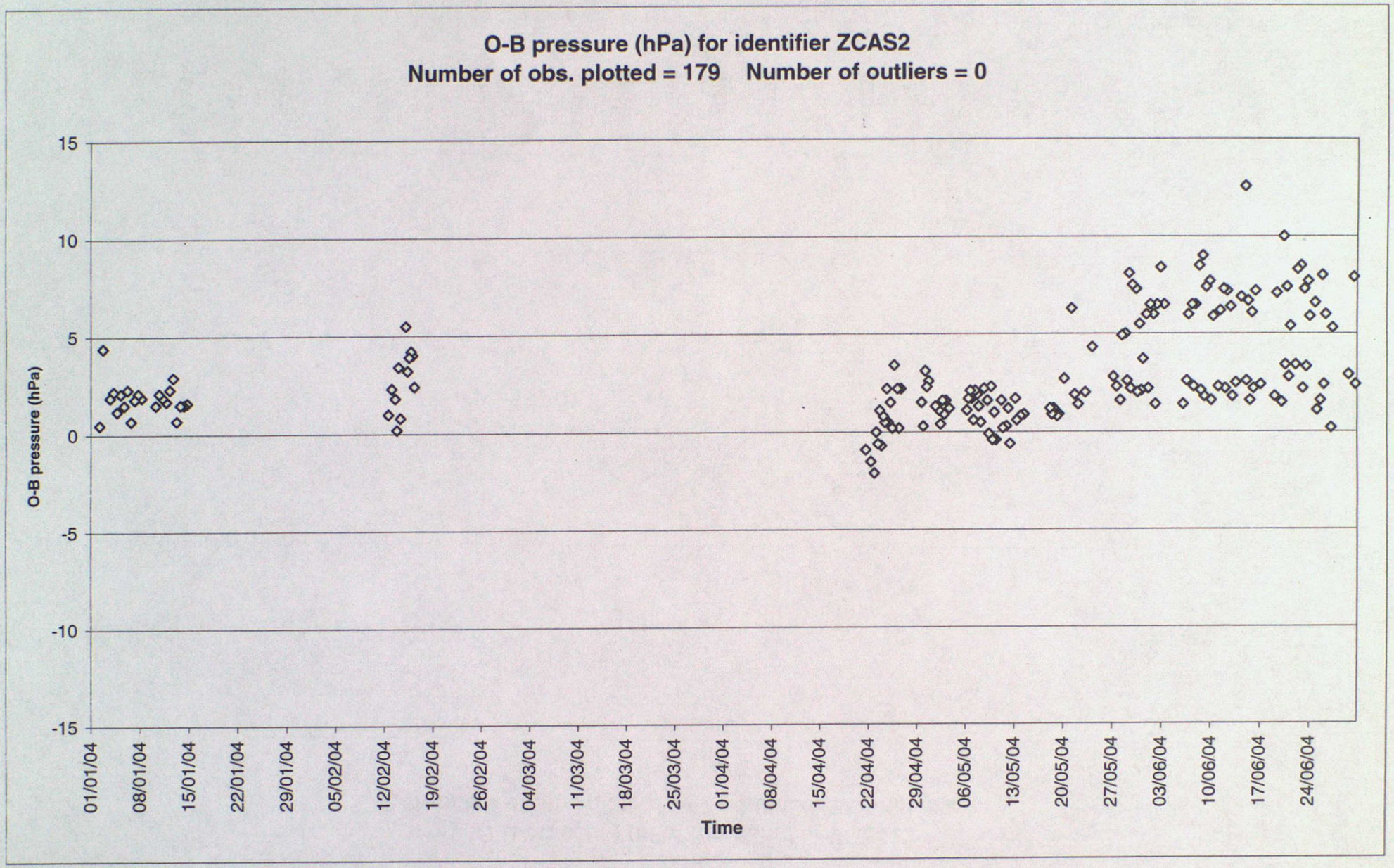

O-B pressure (hPa) for identifier WDCJ
Number of obs. plotted = 157 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier WDJK
Number of obs. plotted = 282 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

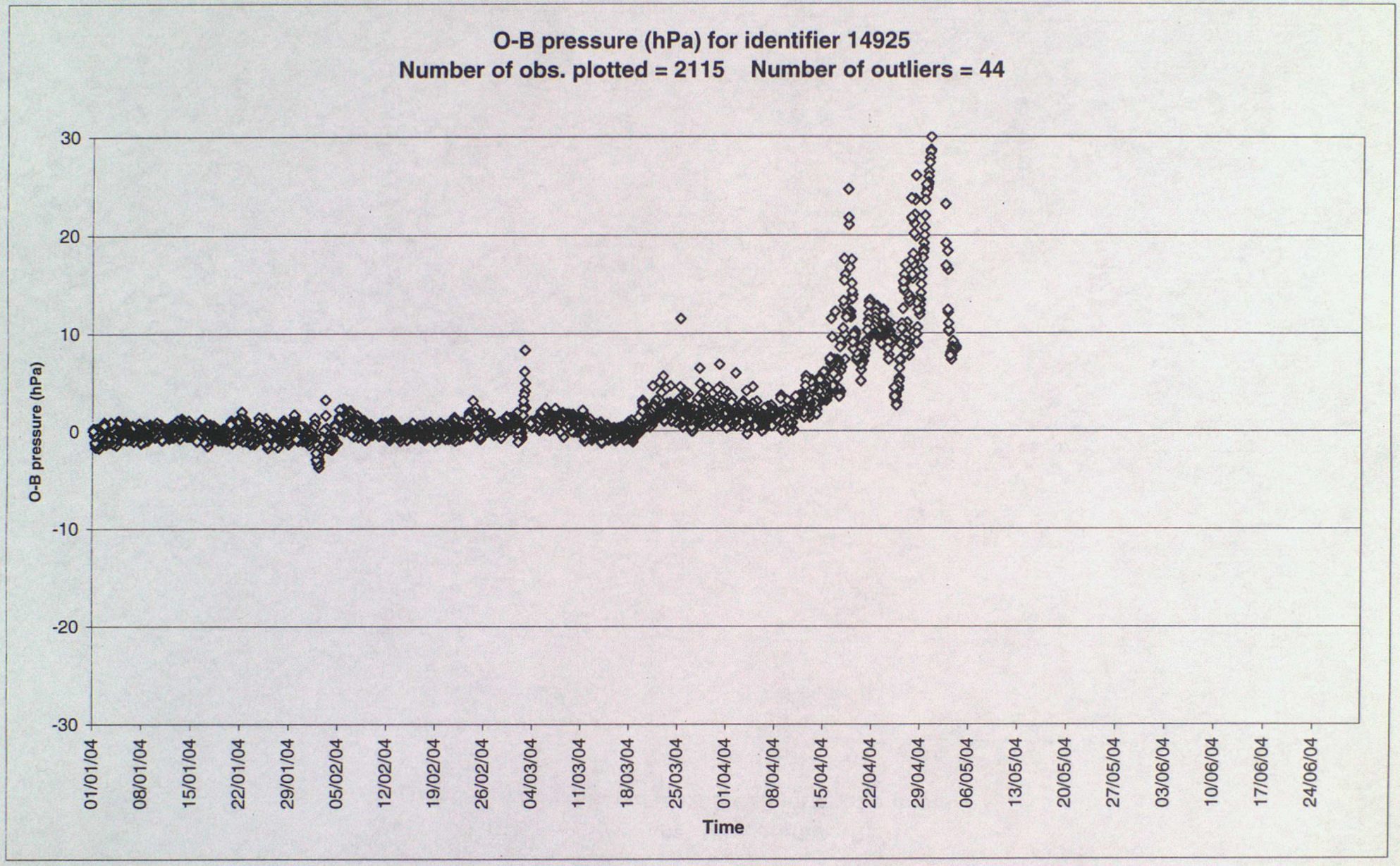
O-B pressure (hPa) for identifier WMCV
Number of obs. plotted = 129 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier WSRH
Number of obs. plotted = 283 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier WZ3423
Number of obs. plotted = 47 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier ZCAS2
Number of obs. plotted = 179 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 12501
Number of obs. plotted = 1235 Number of outliers = 7
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 14925
Number of obs. plotted = 2115 Number of outliers = 44
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 16575
Number of obs. plotted = 81 Number of outliers = 9
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier 16576
Number of obs. plotted = 633 Number of outliers = 17
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier 16577
Number of obs. plotted = 1142 Number of outliers = 48
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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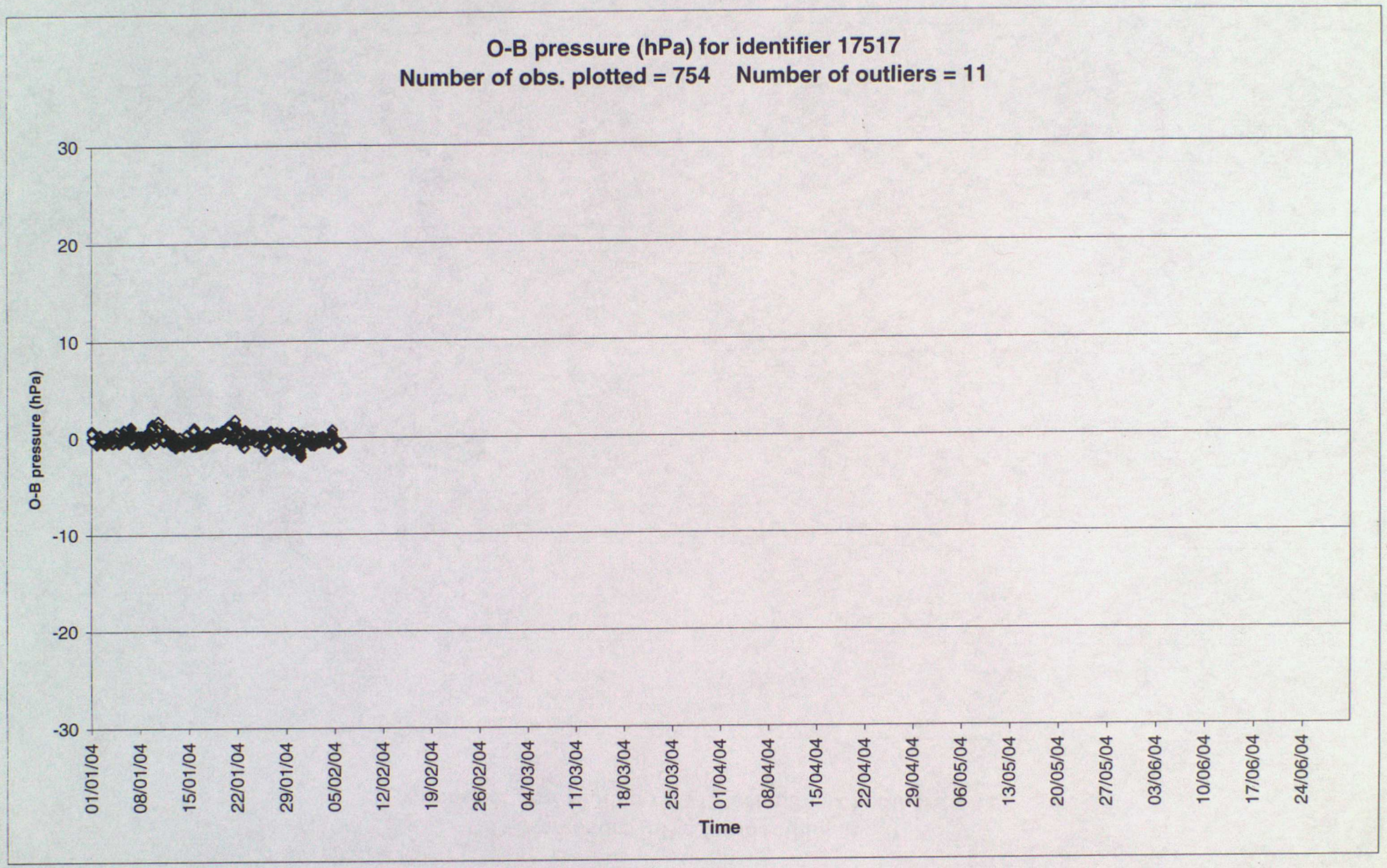
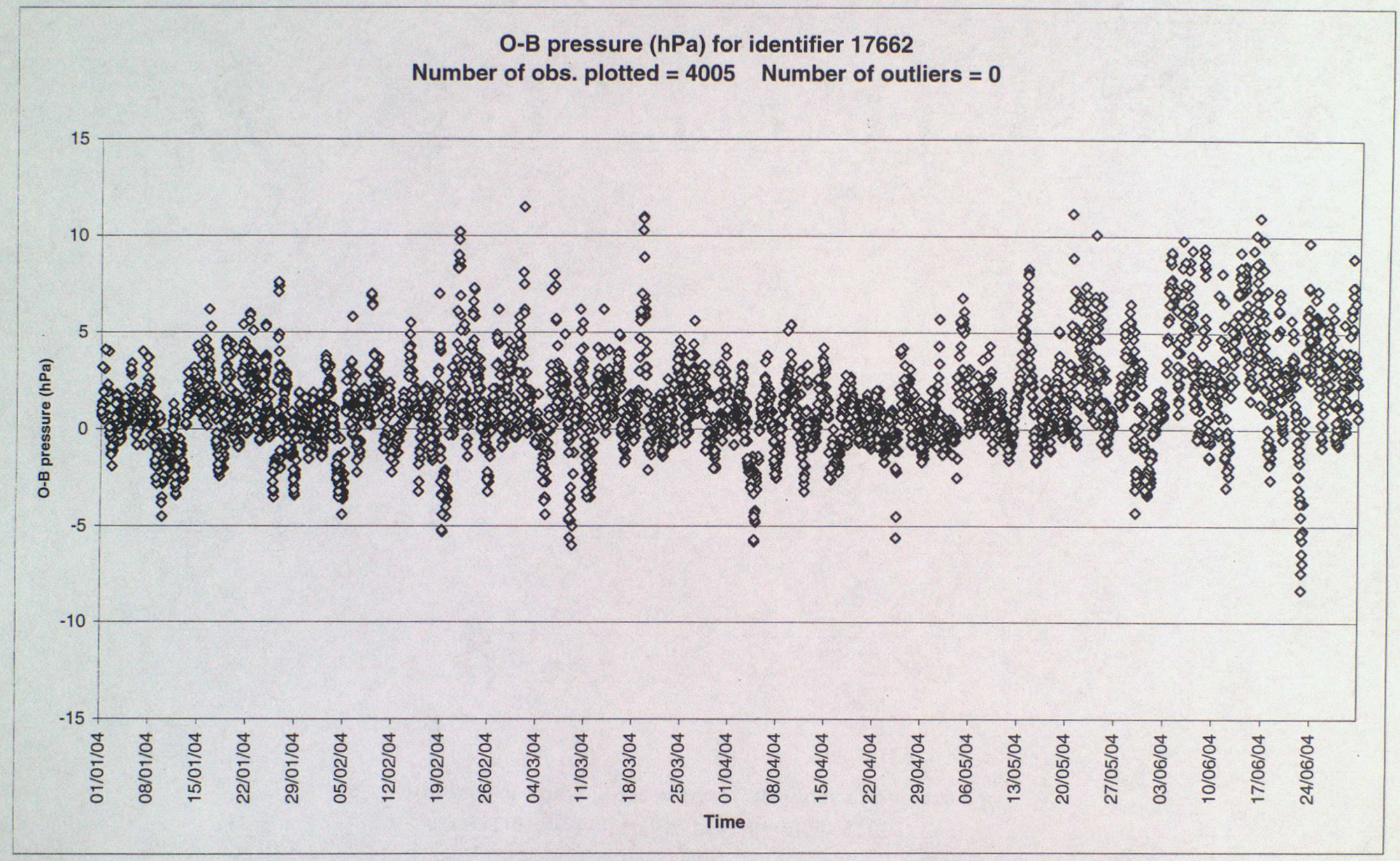
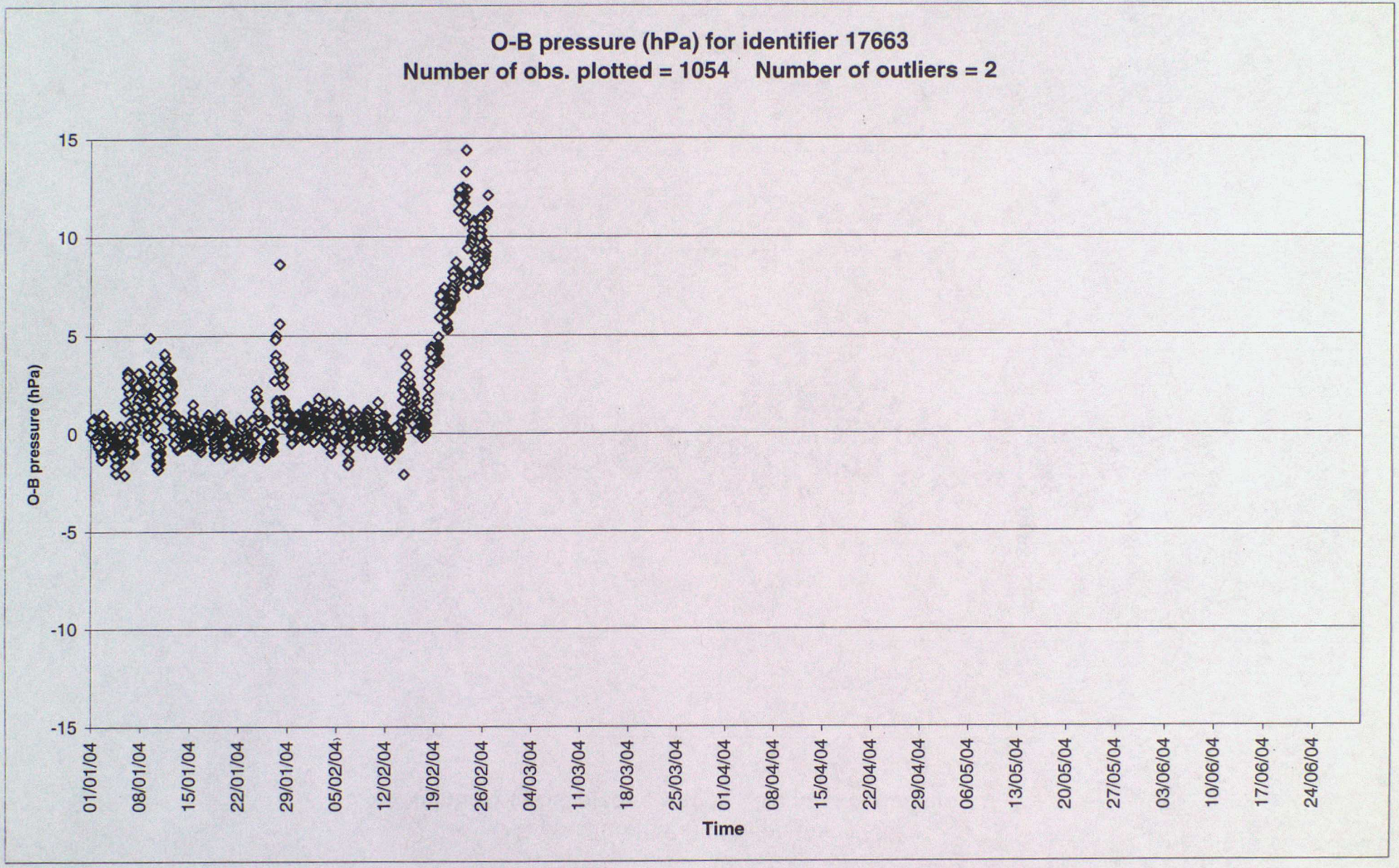
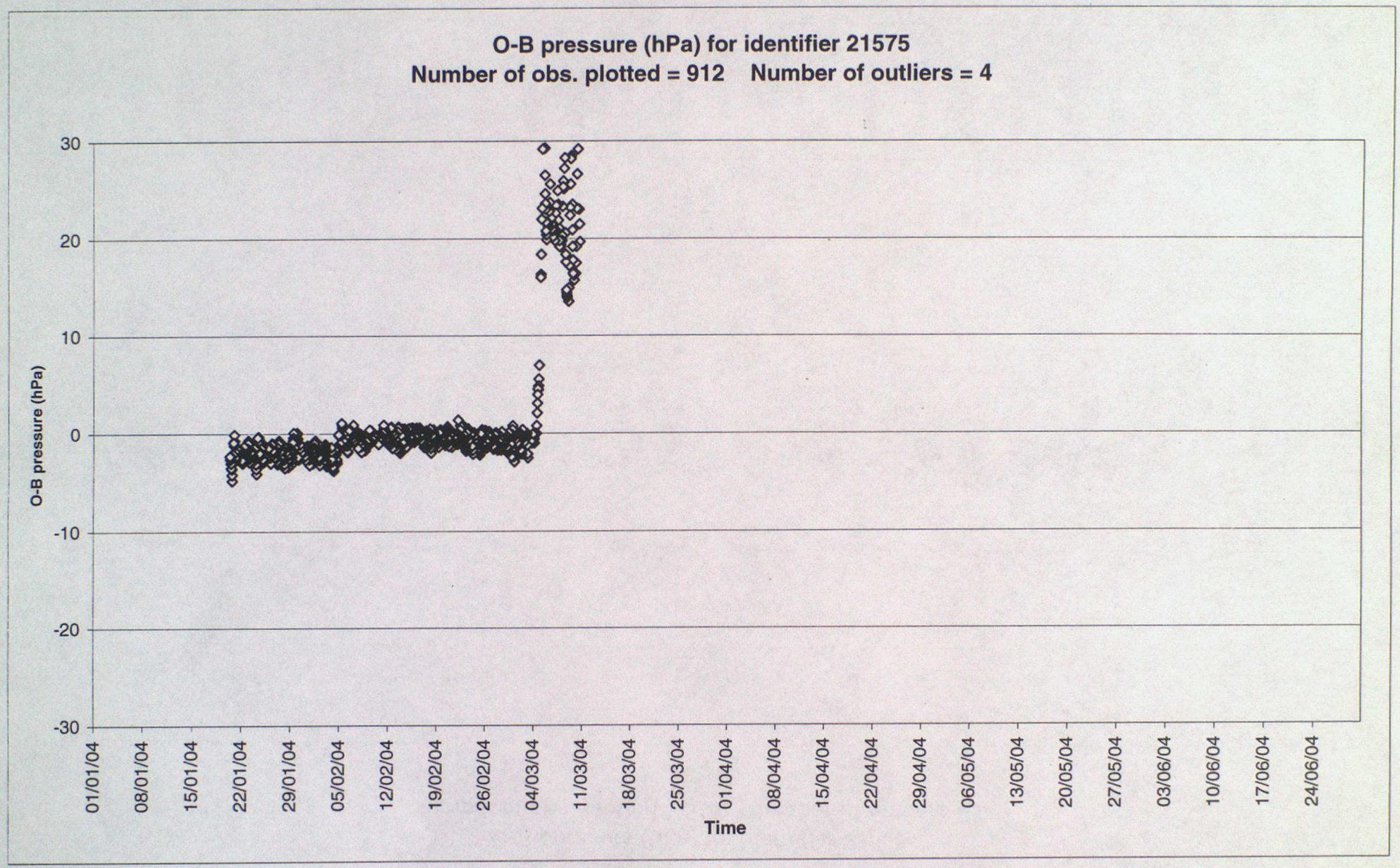
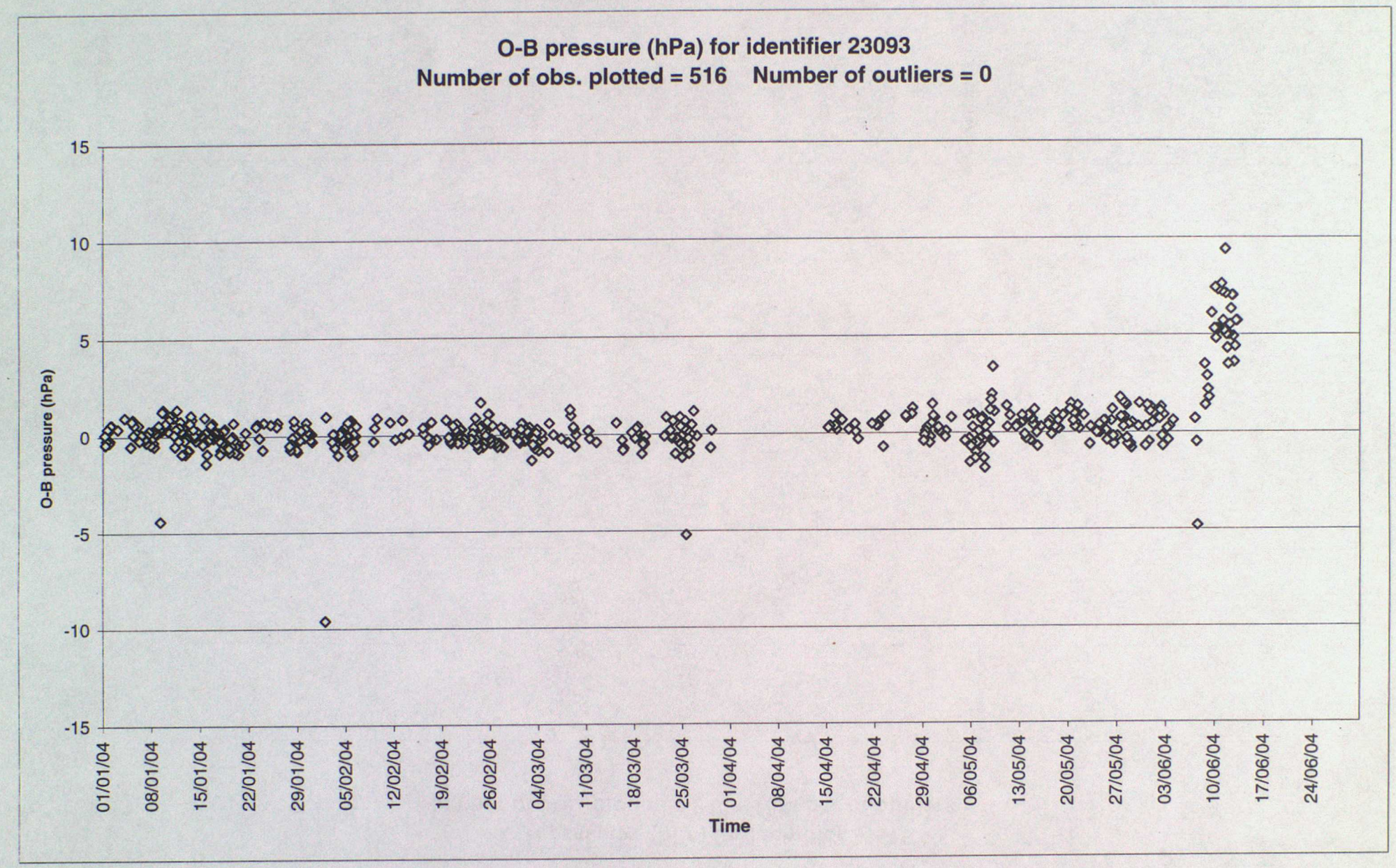
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

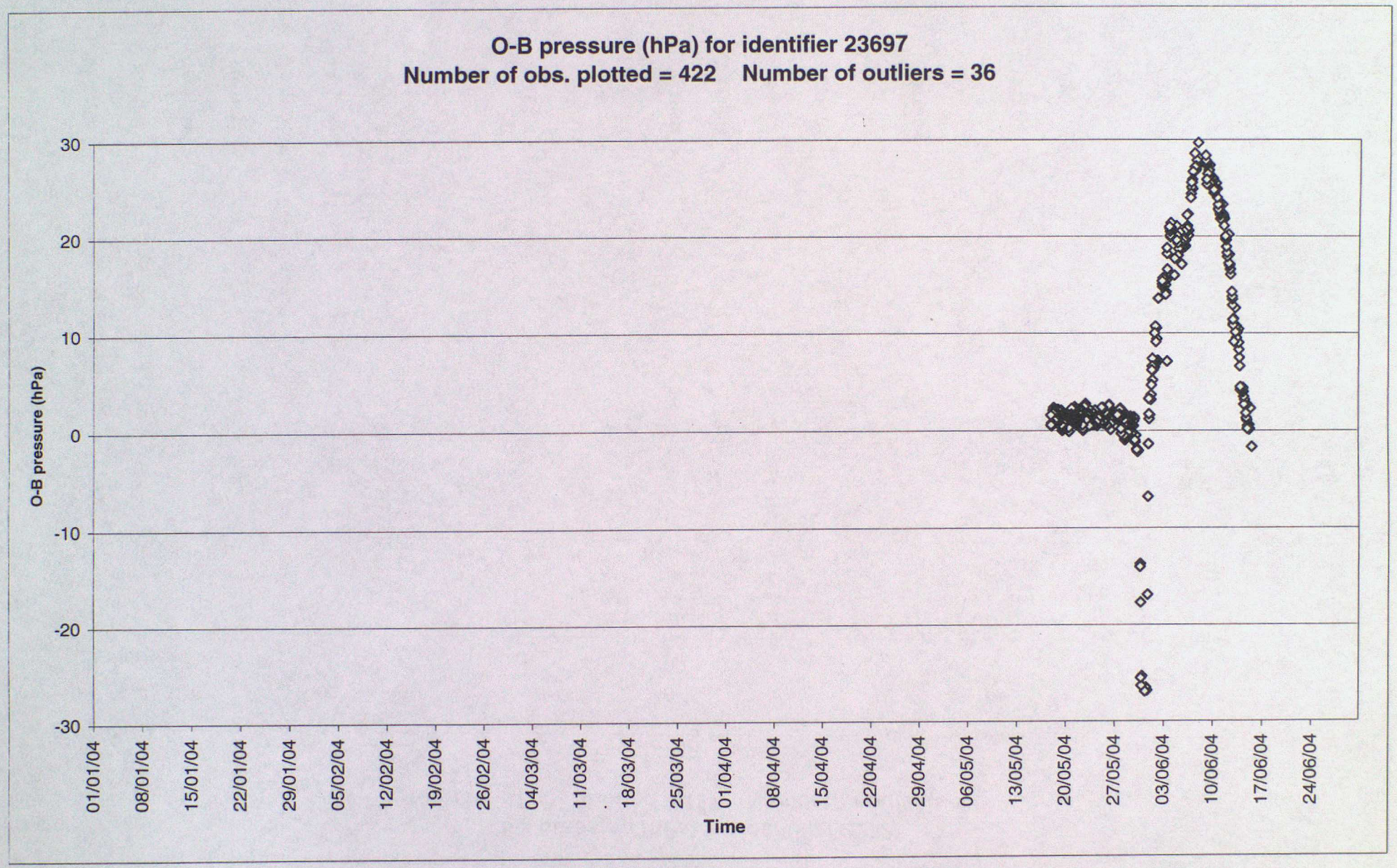

O-B pressure (hPa) for identifier 17517
Number of obs. plotted = 754 Number of outliers = 11
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

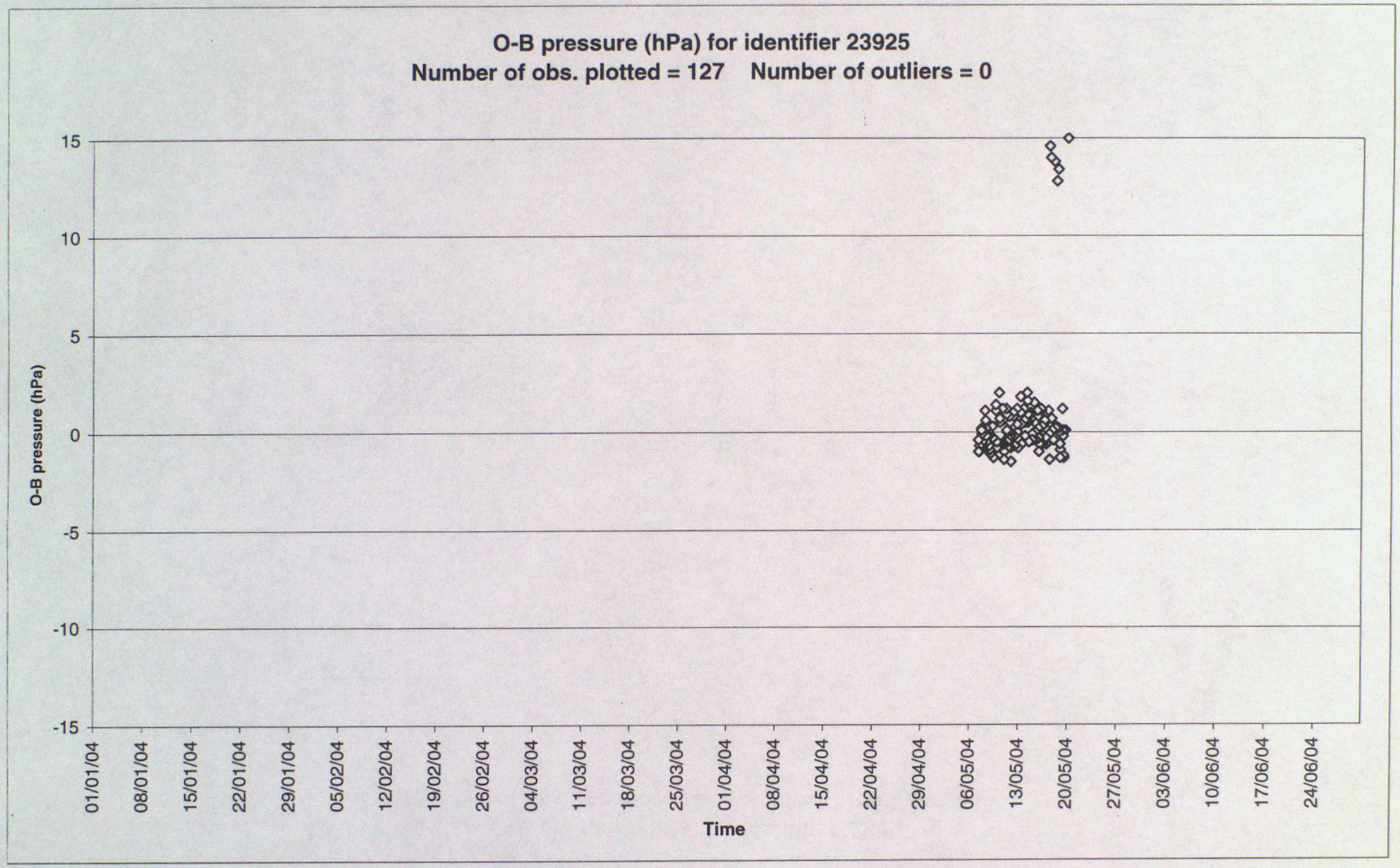

O-B pressure (hPa) for identifier 17662
Number of obs. plotted = 4005 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 17663
Number of obs. plotted = 1054 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 21575
Number of obs. plotted = 912 Number of outliers = 4
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 23093
Number of obs. plotted = 516 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 23697
Number of obs. plotted = 422 Number of outliers = 36
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 23925
Number of obs. plotted = 127 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 25572
Number of obs. plotted = 1335 Number of outliers = 34
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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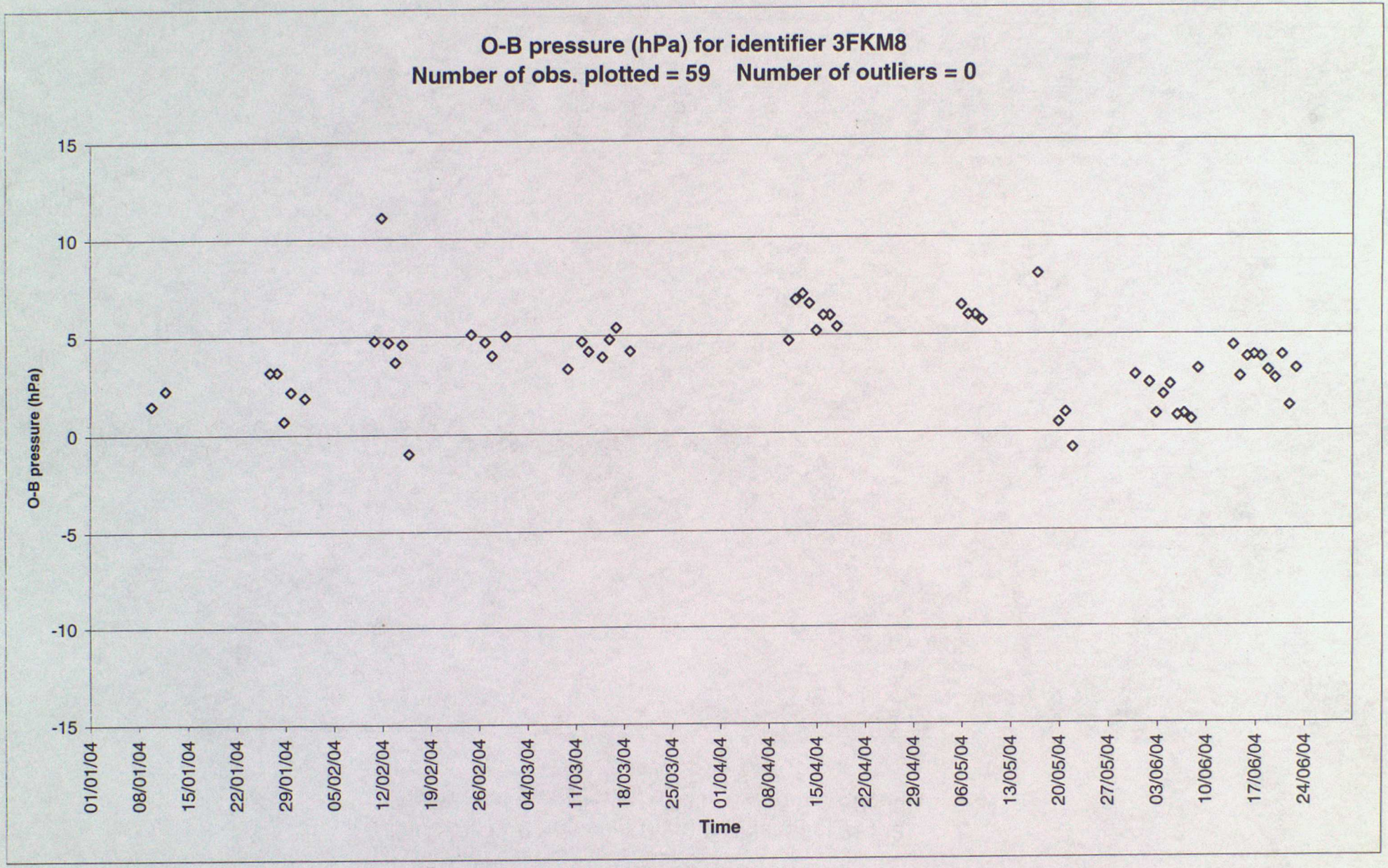
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 3FKM8
Number of obs. plotted = 59 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 31056
Number of obs. plotted = 41 Number of outliers = 38
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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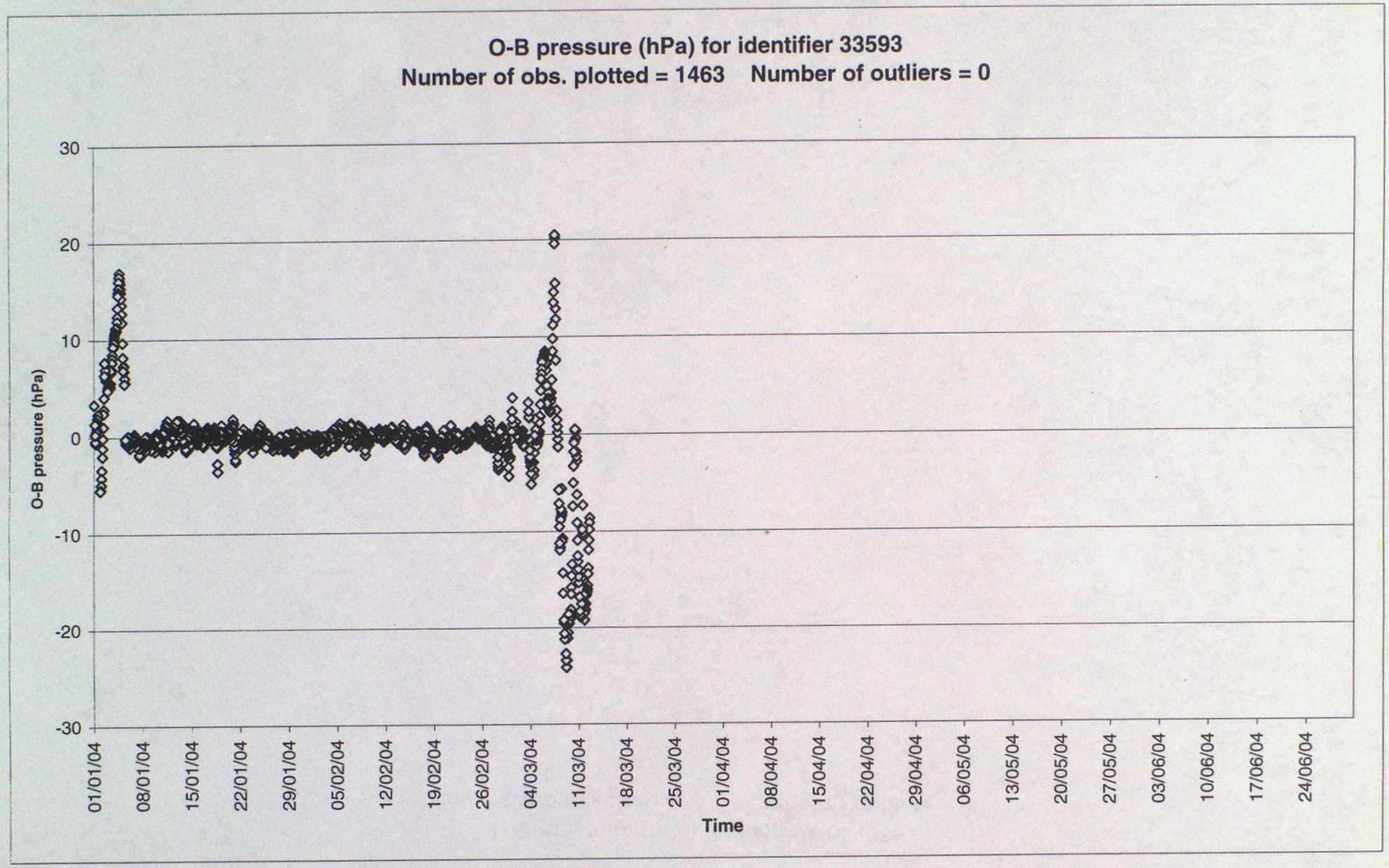
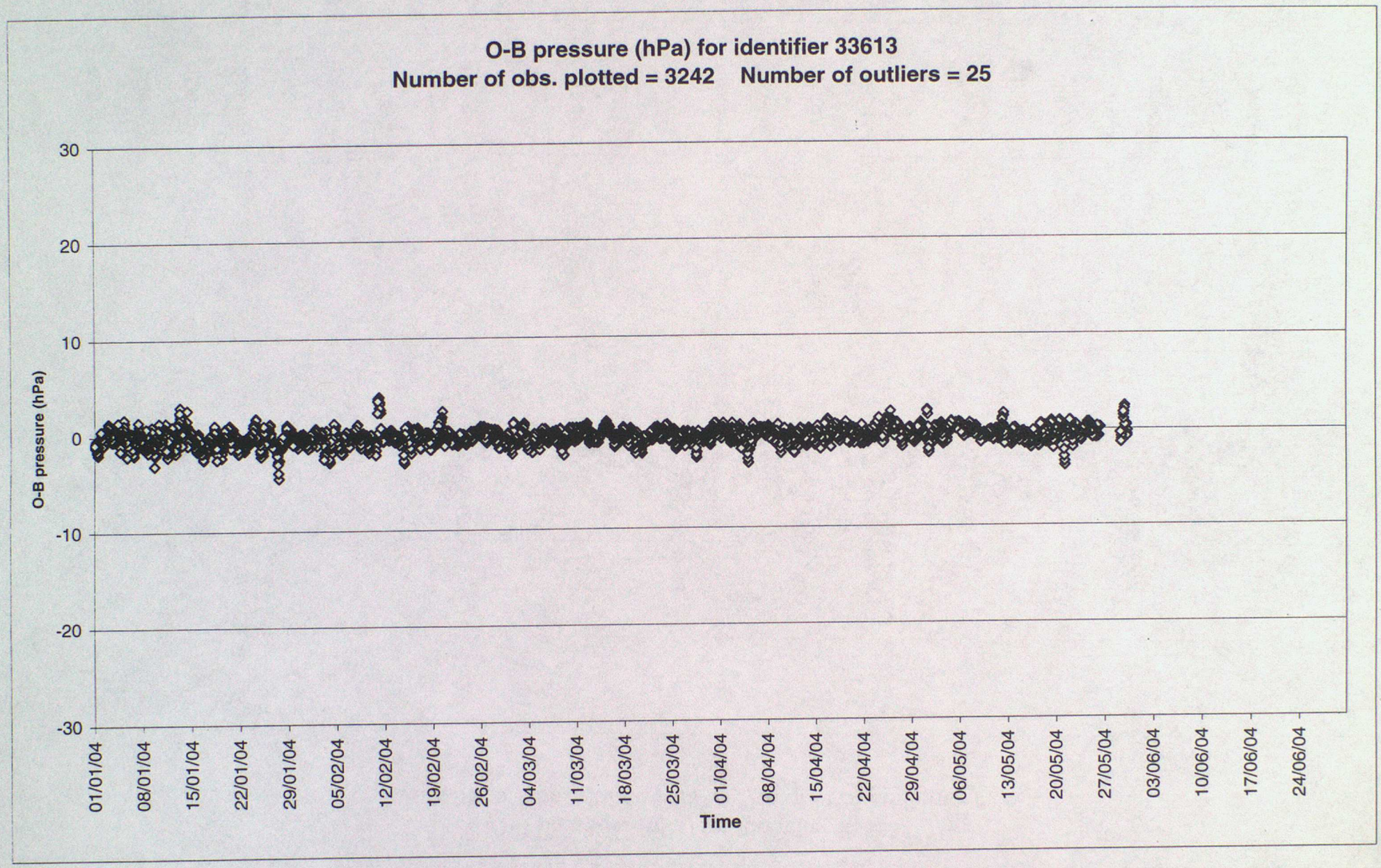
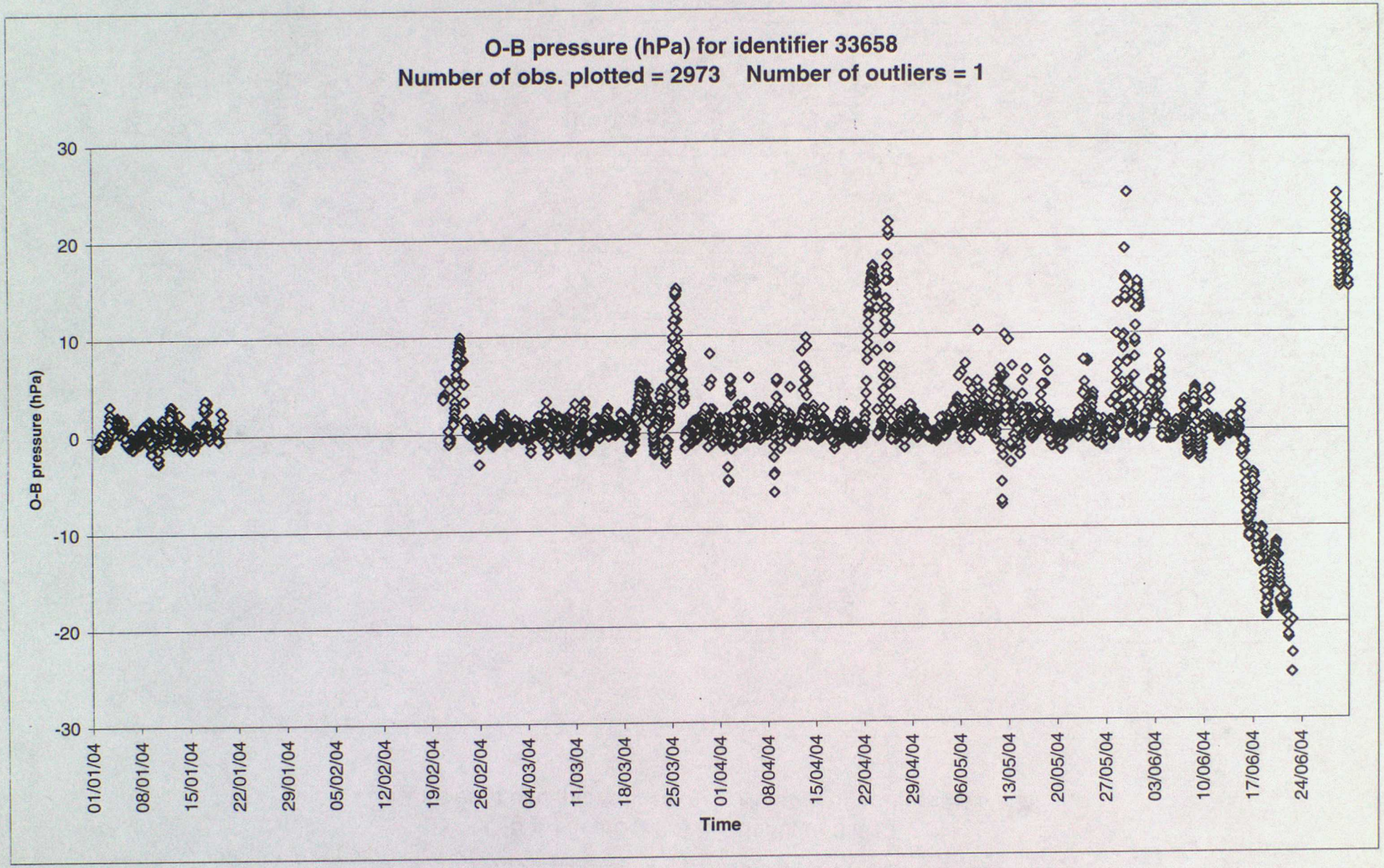
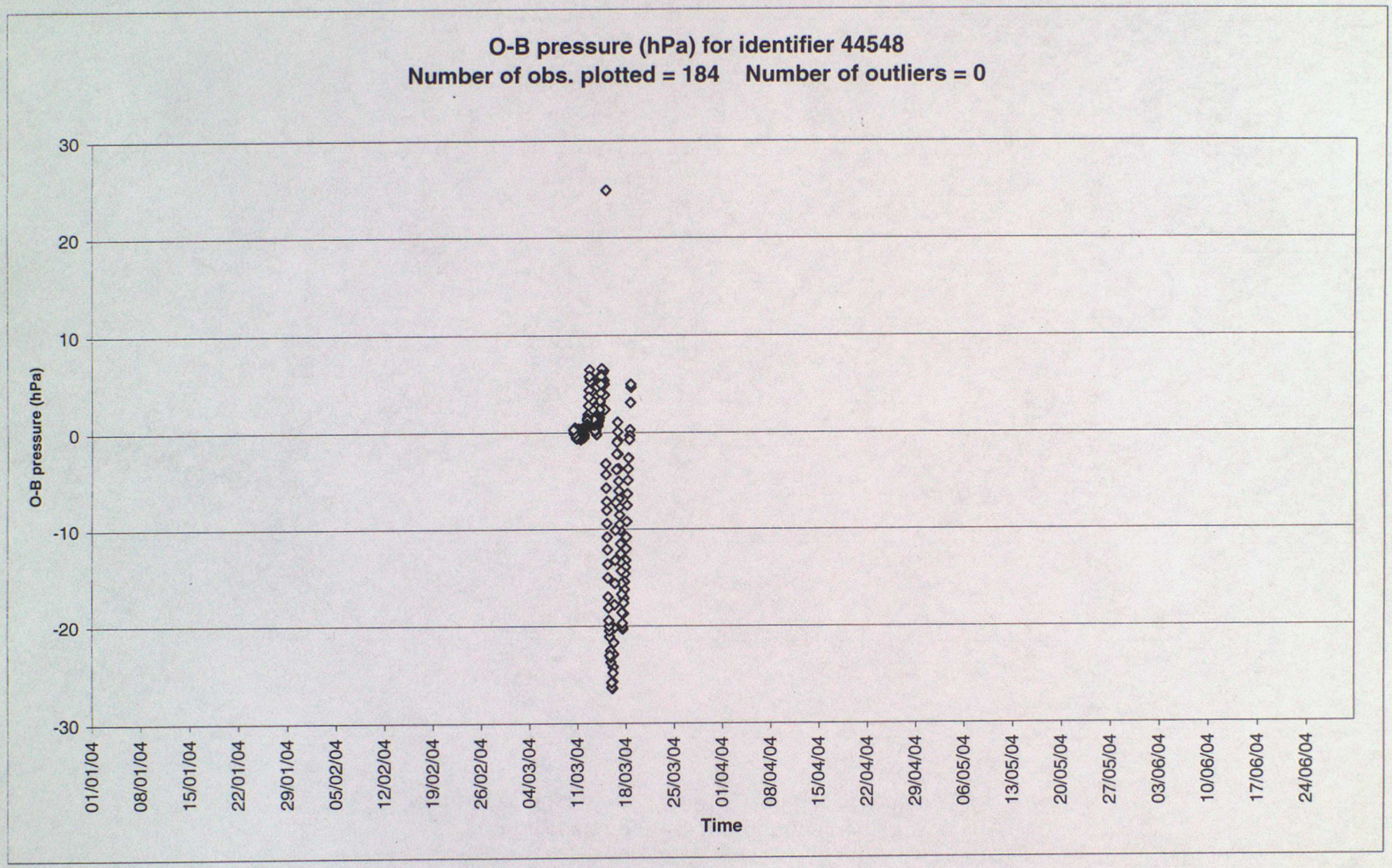
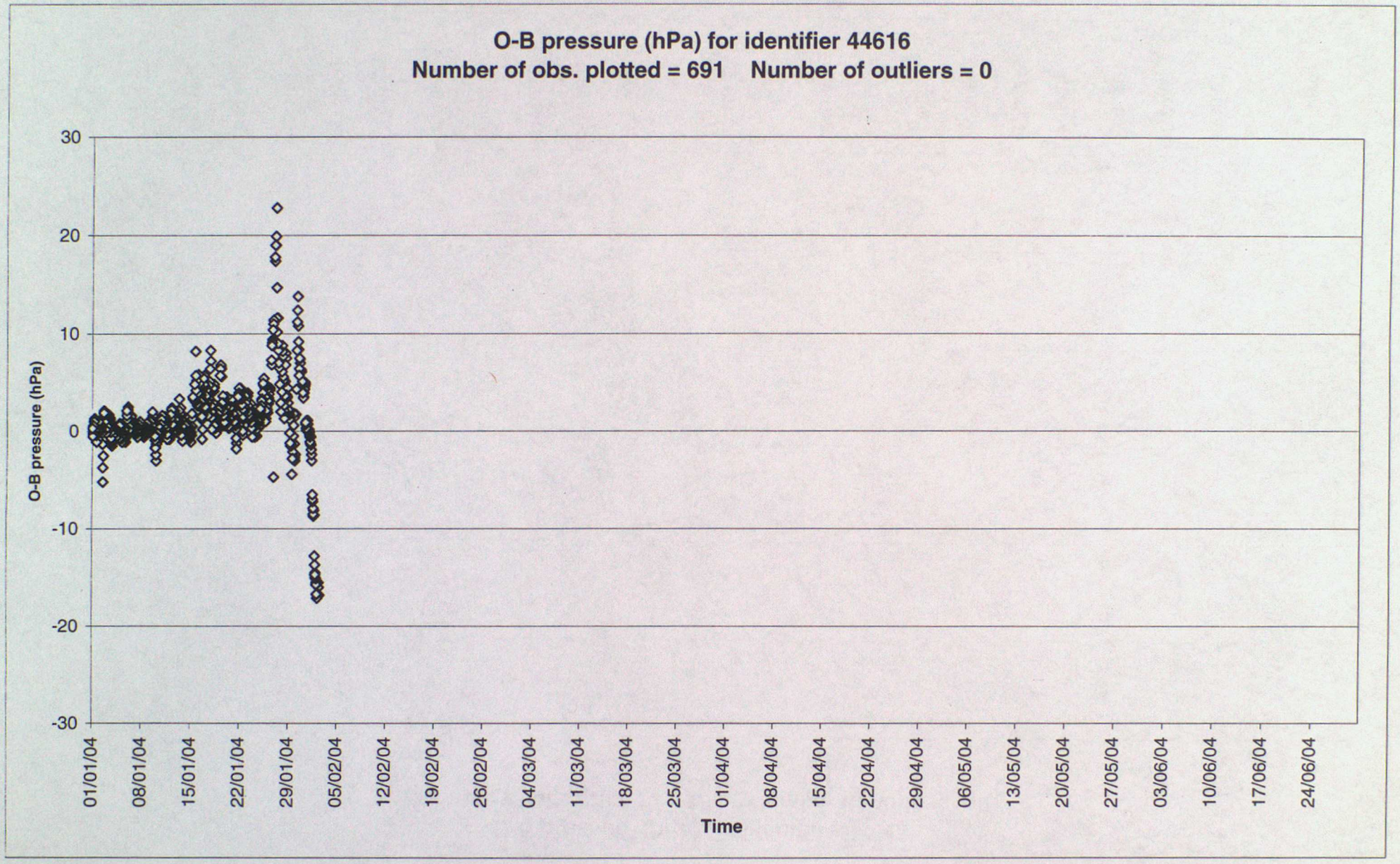
10/06/04
17/06/04
24/06/04

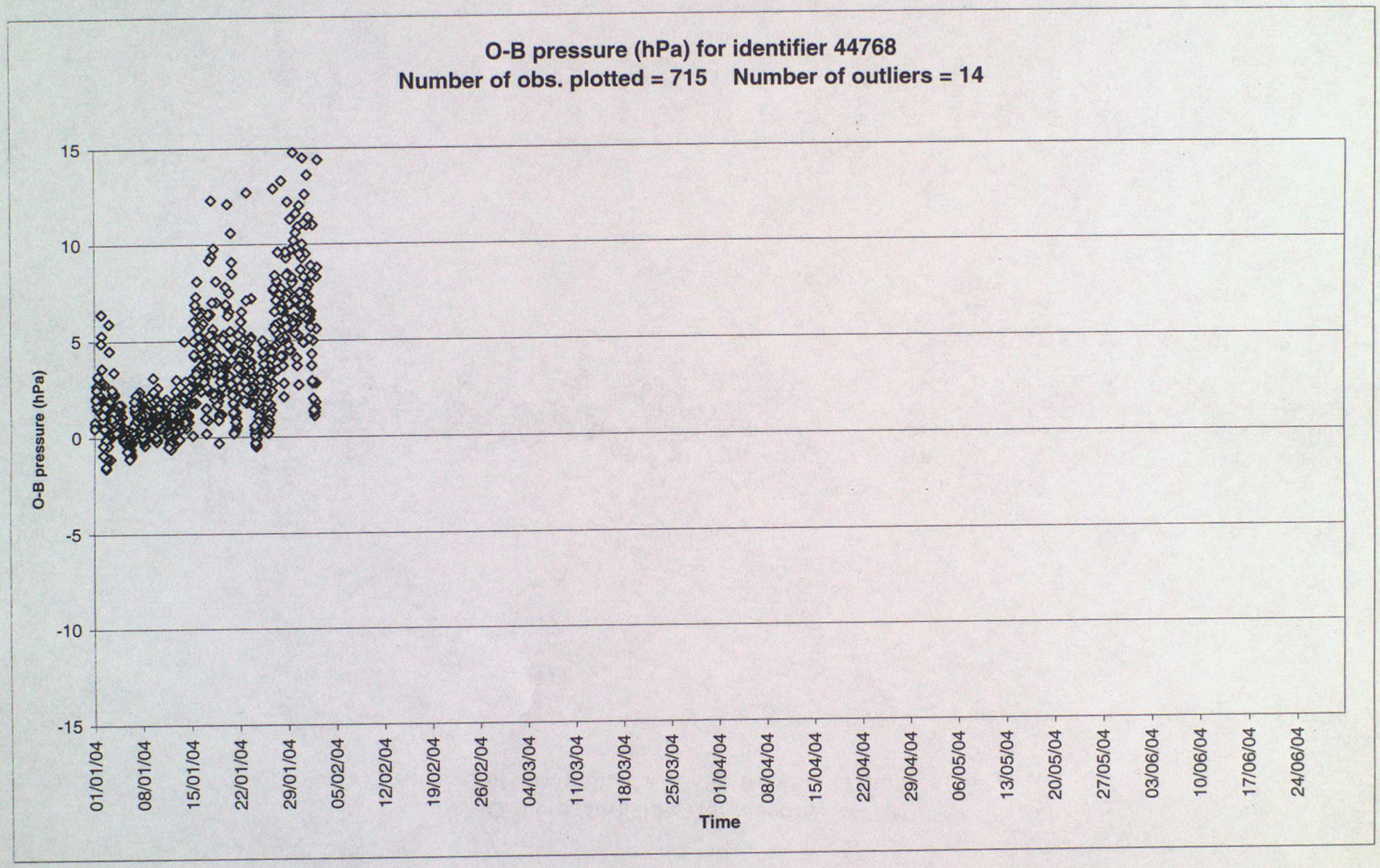

O-B pressure (hPa) for identifier 33593
Number of obs. plotted = 1463 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

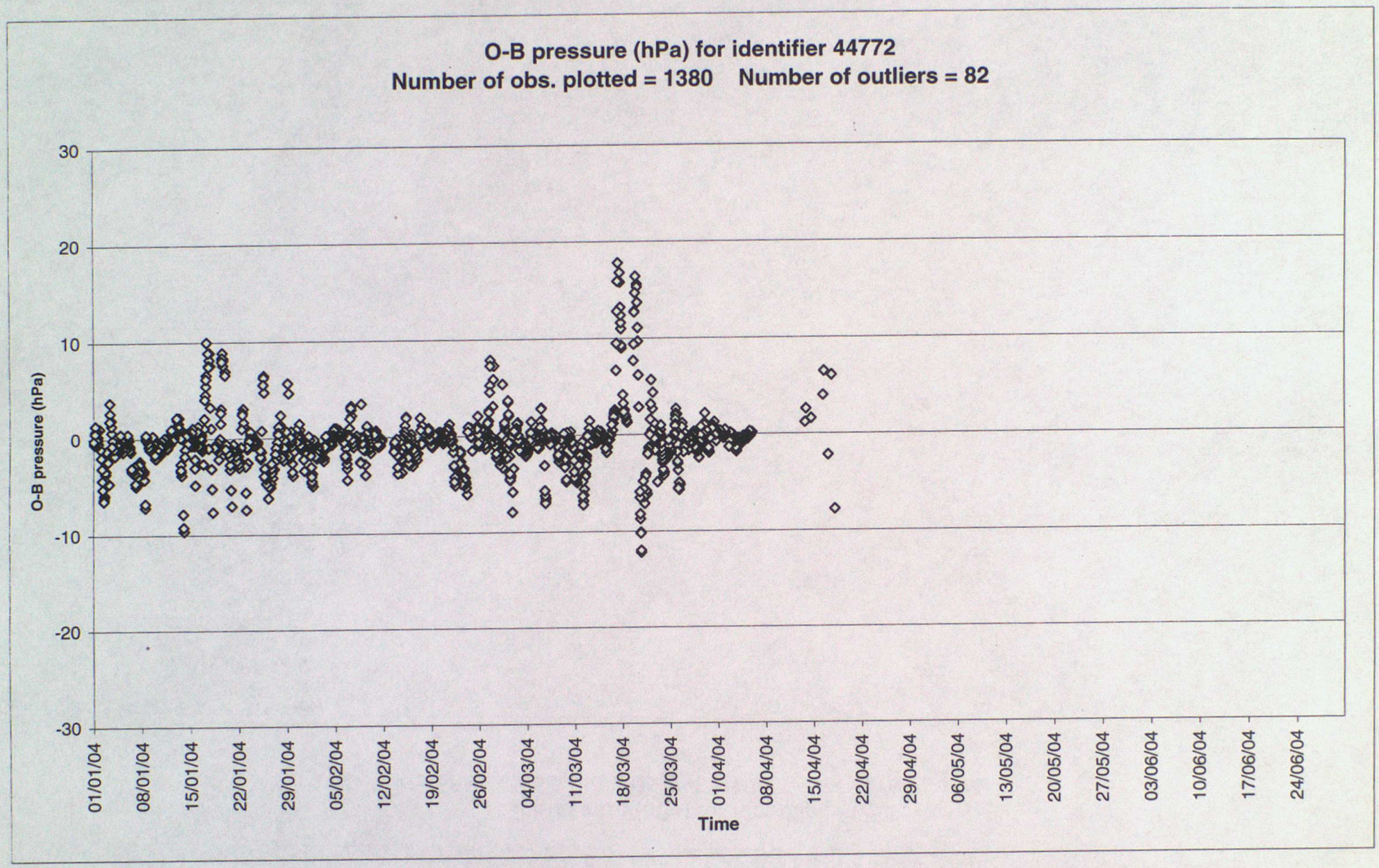

O-B pressure (hPa) for identifier 33613
Number of obs. plotted = 3242 Number of outliers = 25
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

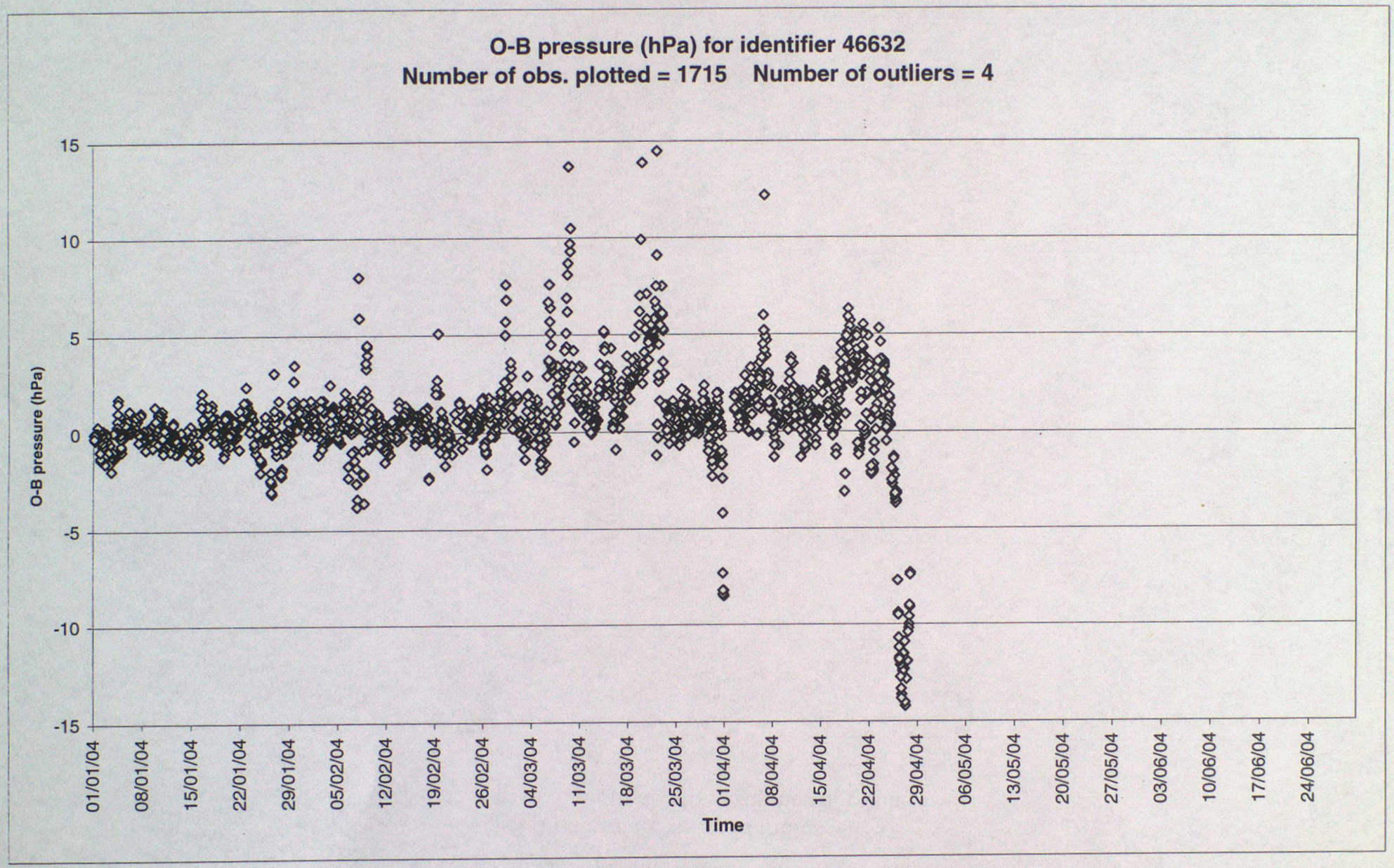

O-B pressure (hPa) for identifier 33658
Number of obs. plotted = 2973 Number of outliers = 1
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 44548
Number of obs. plotted = 184 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 44616
Number of obs. plotted = 691 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

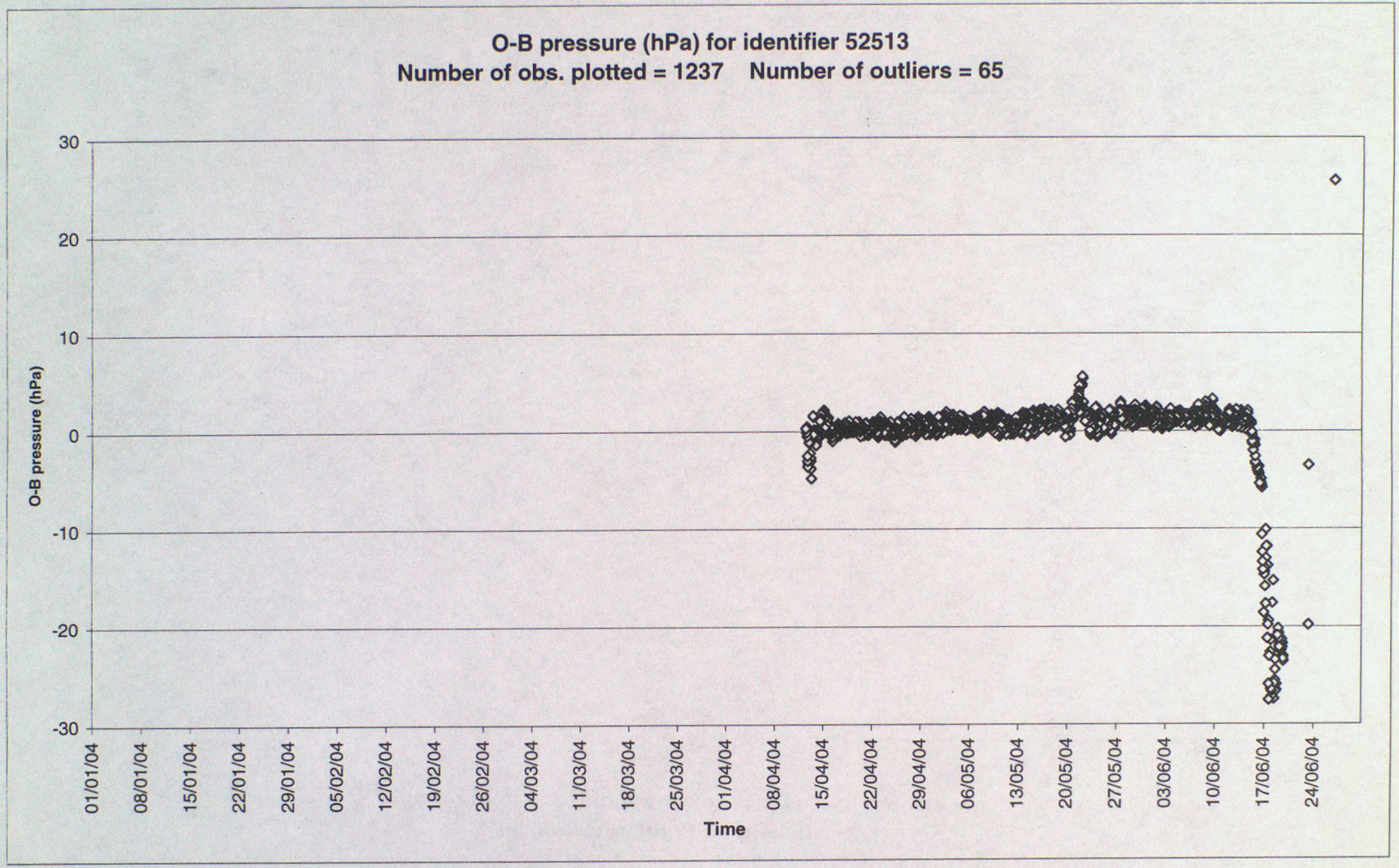

O-B pressure (hPa) for identifier 44768
Number of obs. plotted = 715 Number of outliers = 14
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

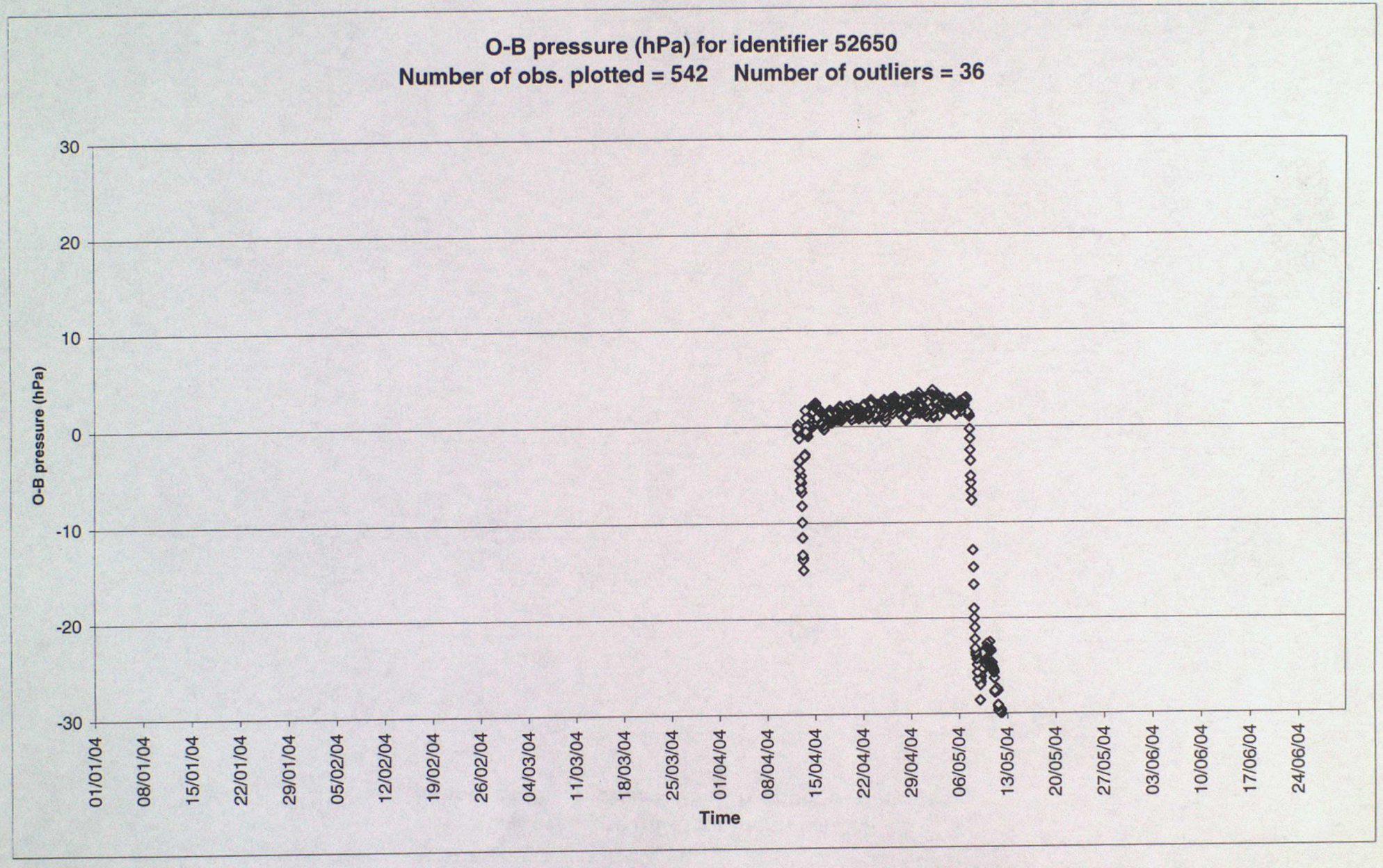

O-B pressure (hPa) for identifier 44772
Number of obs. plotted = 1380 Number of outliers = 82
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 46632
Number of obs. plotted = 1715 Number of outliers = 4
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 46661
Number of obs. plotted = 49 Number of outliers = 21
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 46710
Number of obs. plotted = 202 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 52513
Number of obs. plotted = 1237 Number of outliers = 65
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 52650
Number of obs. plotted = 542 Number of outliers = 36
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 52684
Number of obs. plotted = 285 Number of outliers = 9
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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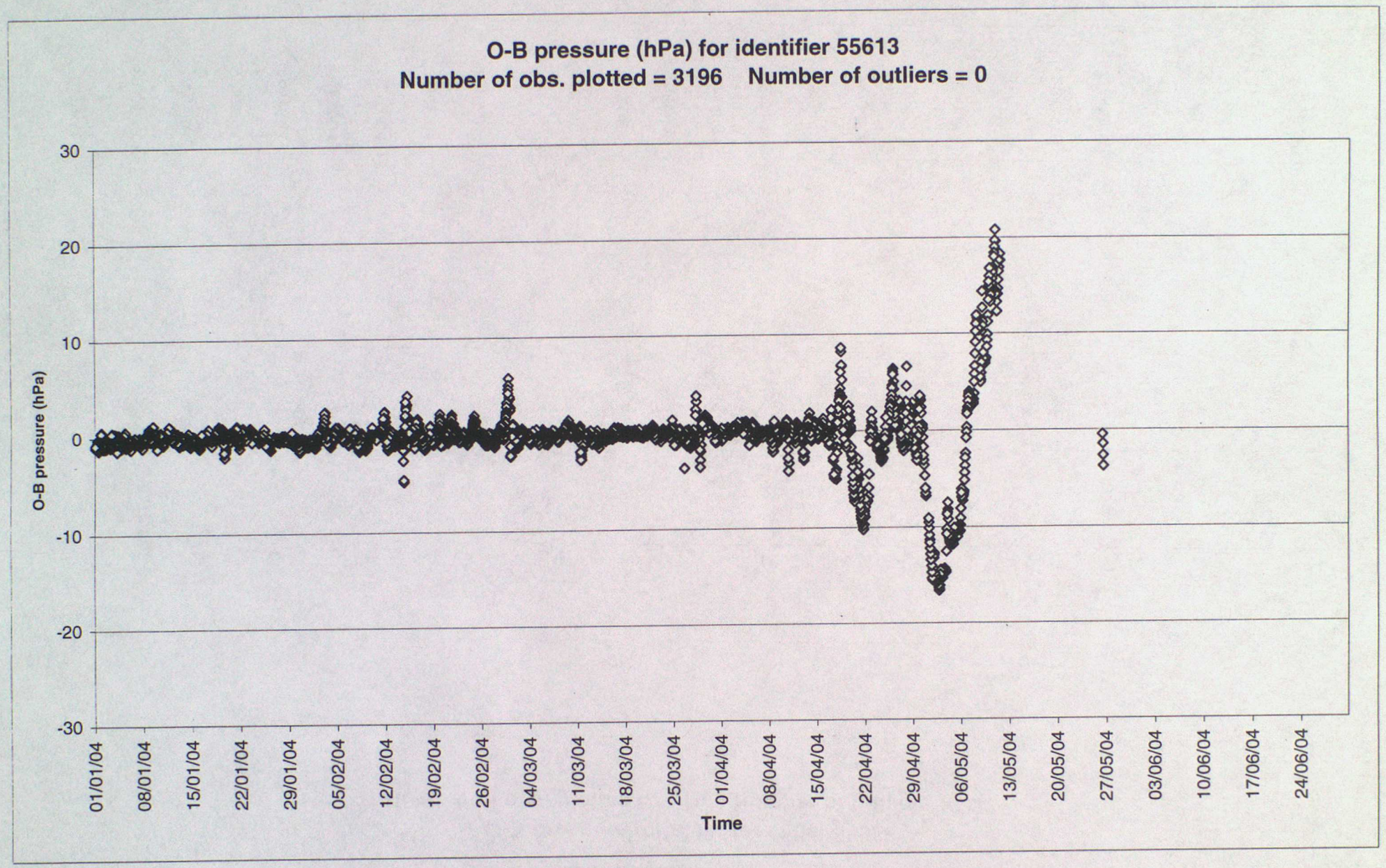
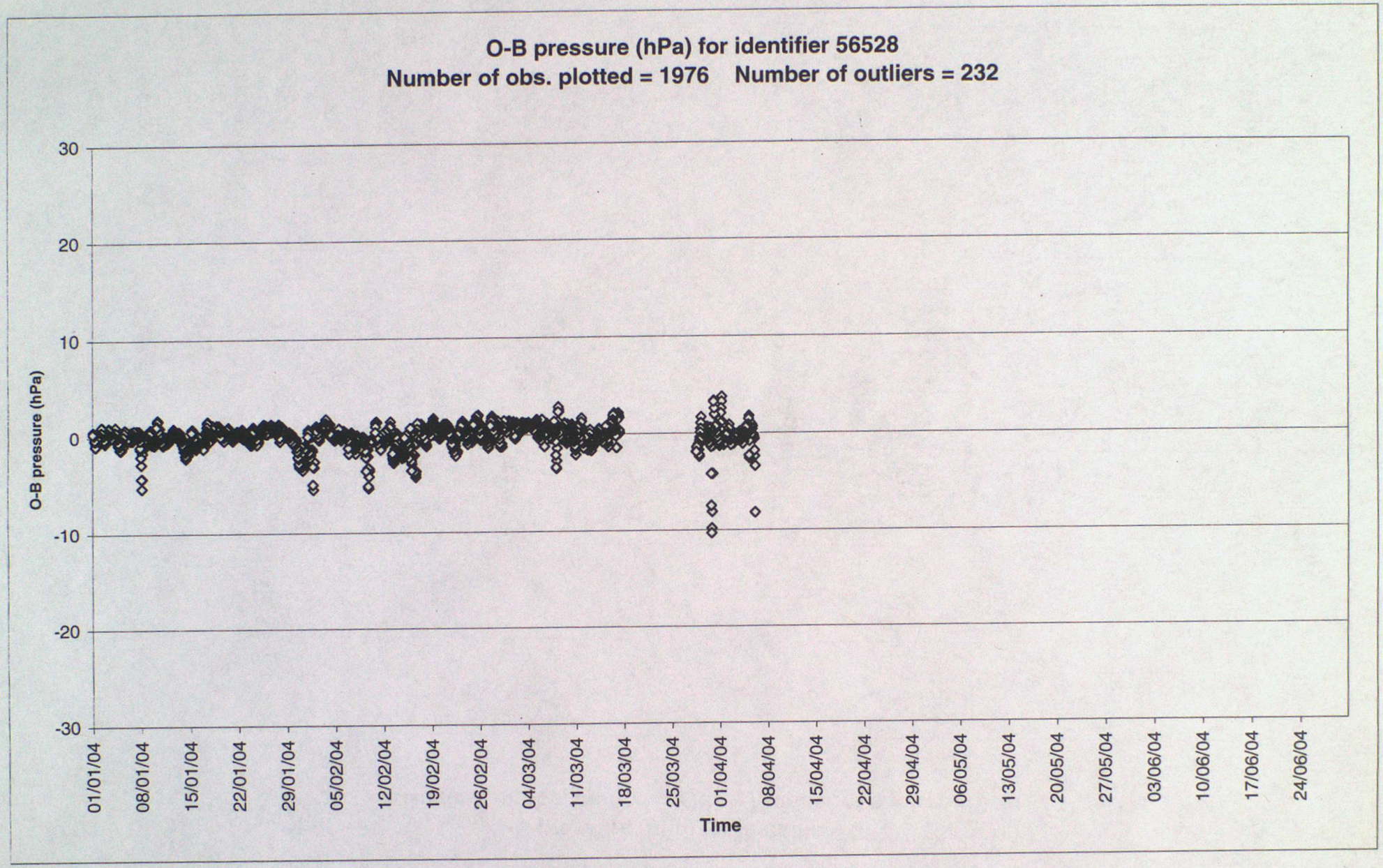
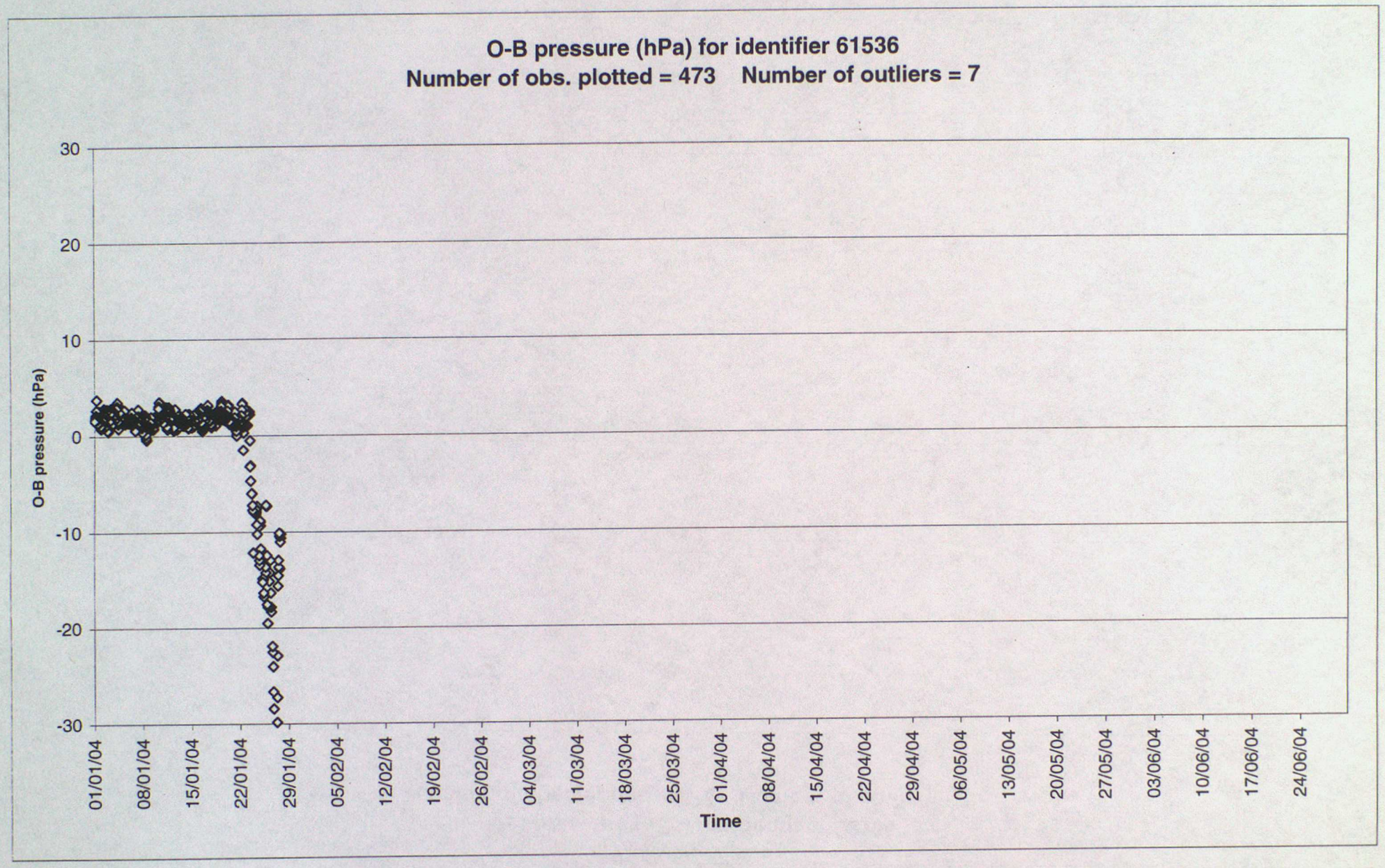
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 55613
Number of obs. plotted = 3196 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 56528
Number of obs. plotted = 1976 Number of outliers = 232
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 56558
Number of obs. plotted = 3574 Number of outliers = 69
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier 61533
Number of obs. plotted = 967 Number of outliers = 4
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 61536
Number of obs. plotted = 473 Number of outliers = 7
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 62166
Number of obs. plotted = 227 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier 62513
Number of obs. plotted = 1233 Number of outliers = 13
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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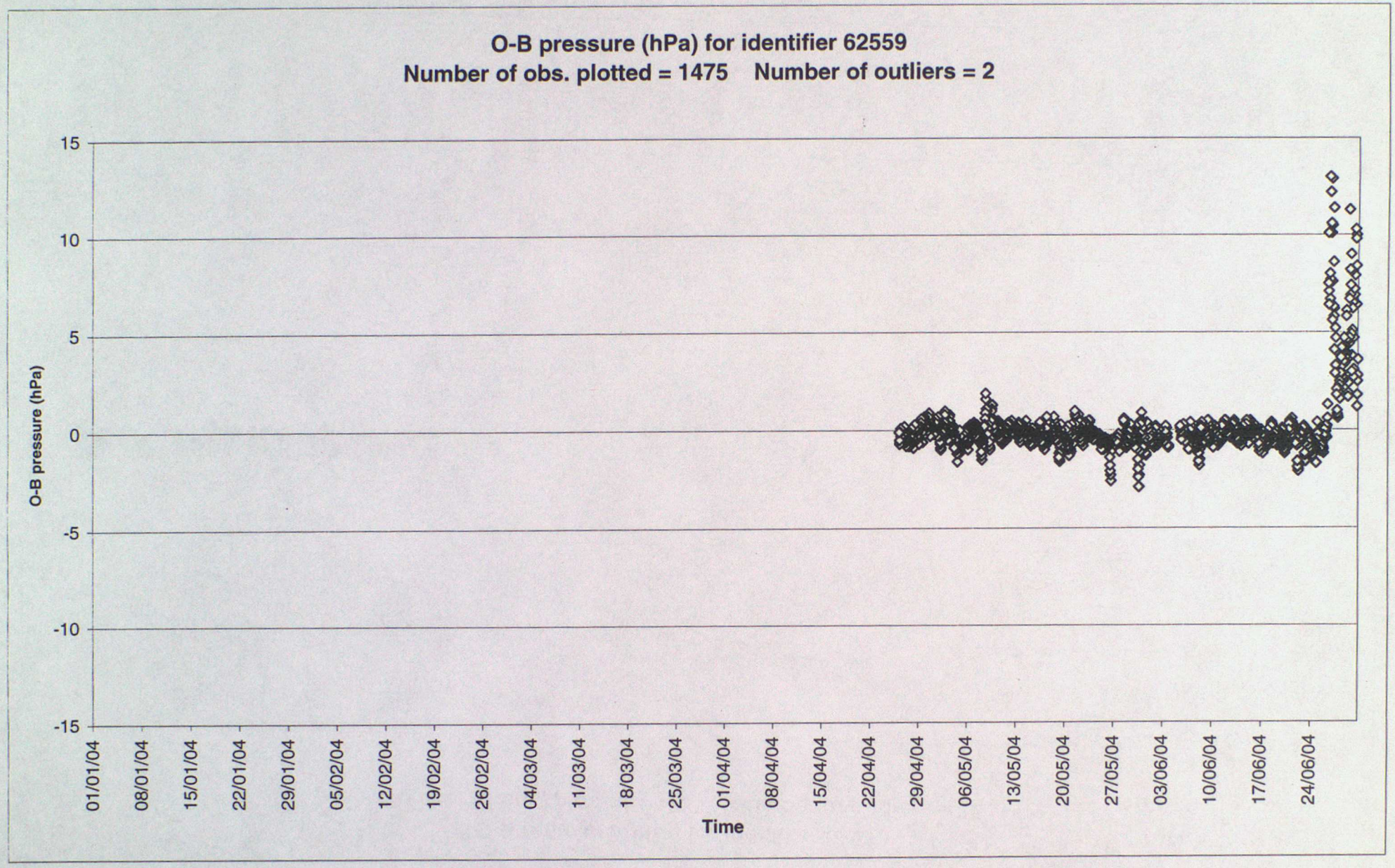
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B pressure (hPa) for identifier 62559
Number of obs. plotted = 1475 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 64523
Number of obs. plotted = 2054 Number of outliers = 9
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B pressure (hPa) for identifier 71599
Number of obs. plotted = 3971 Number of outliers = 52
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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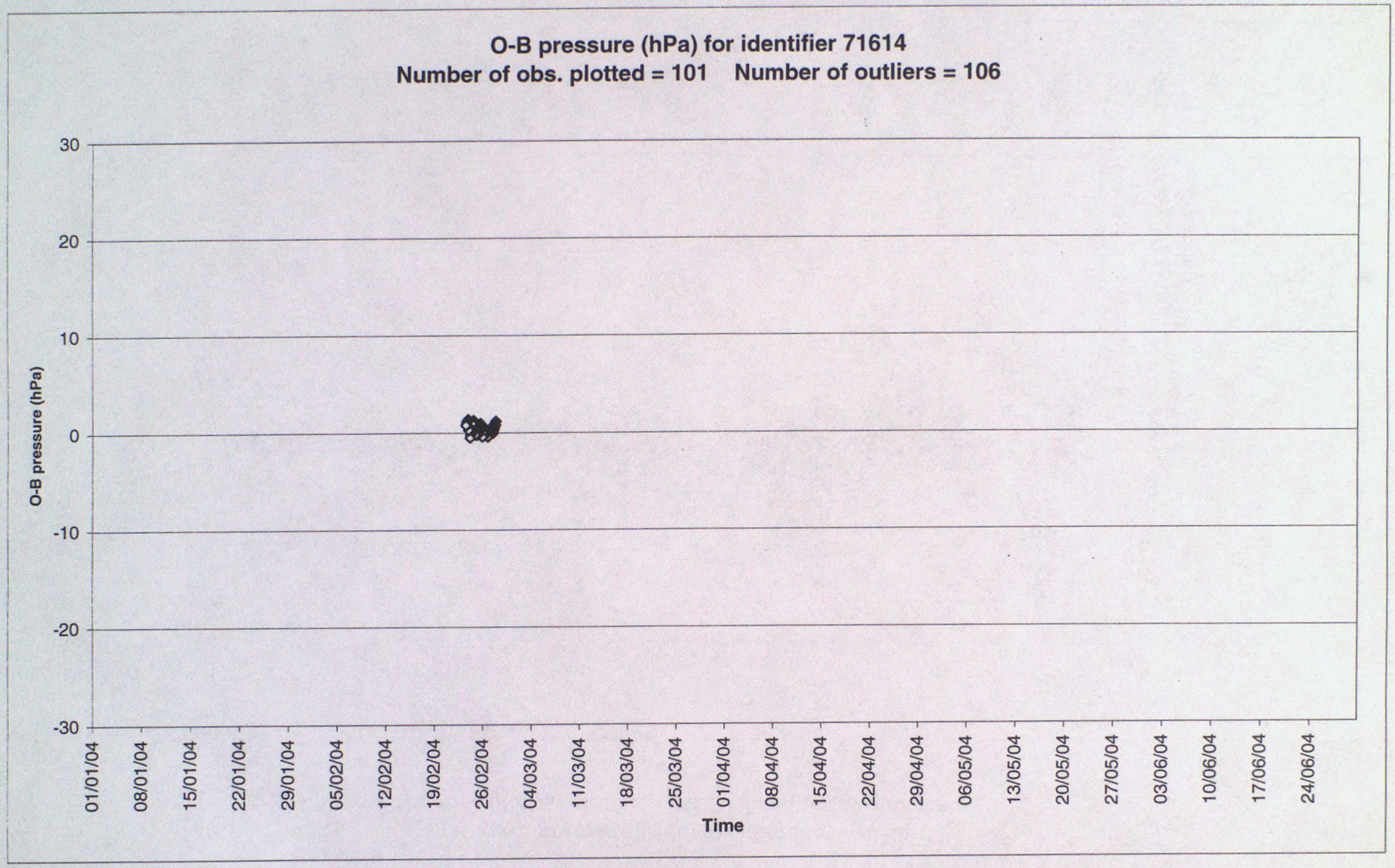
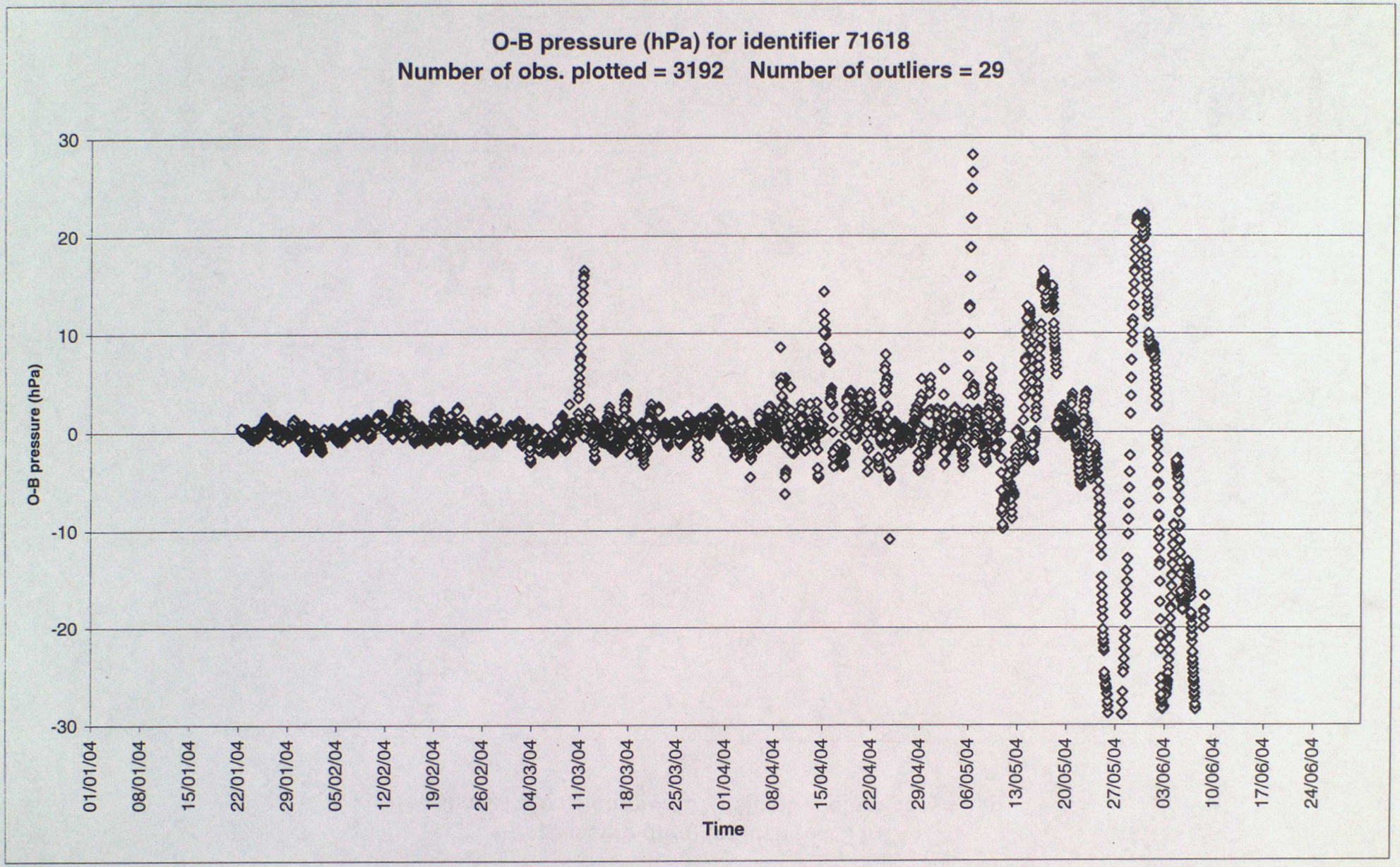
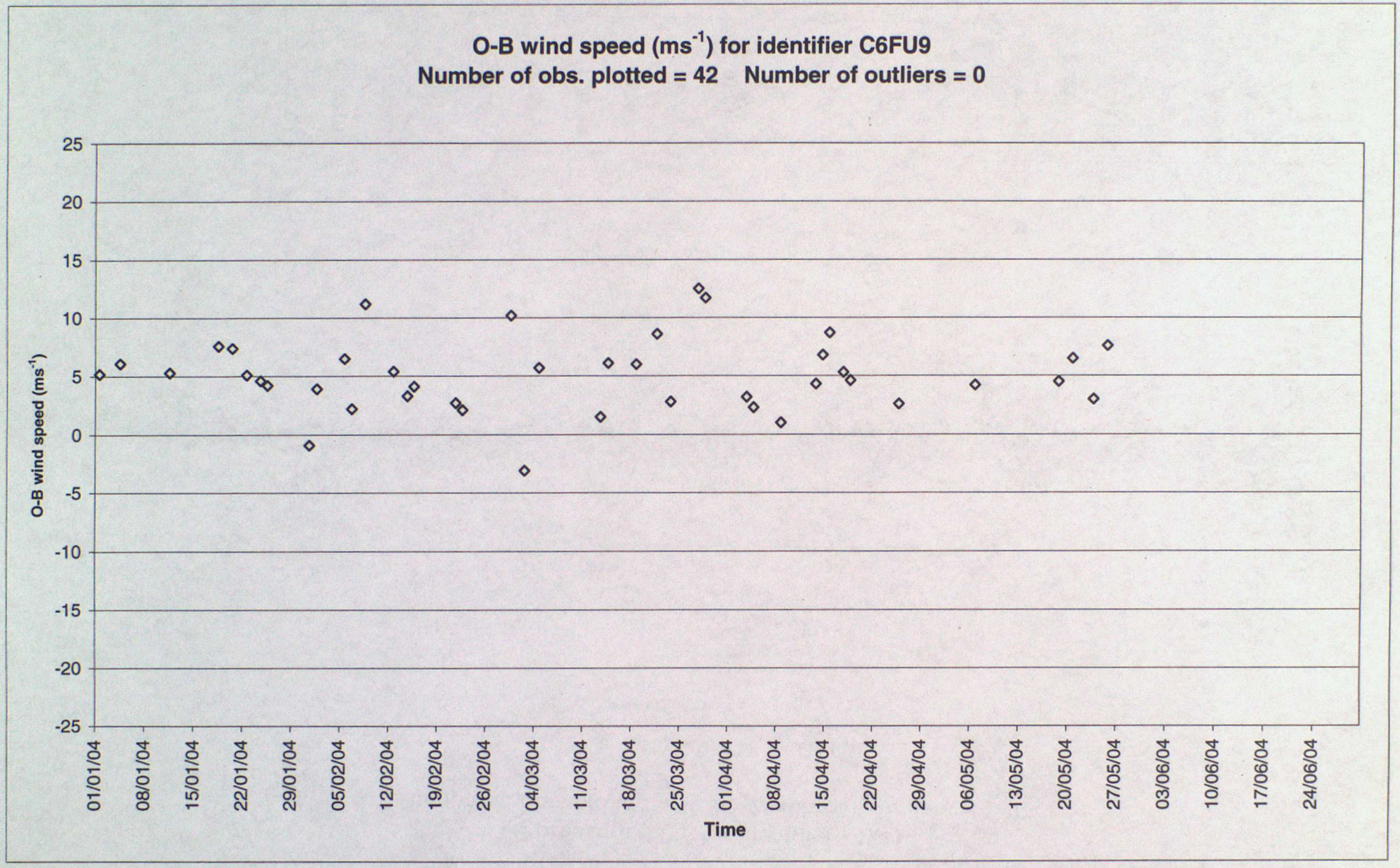
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

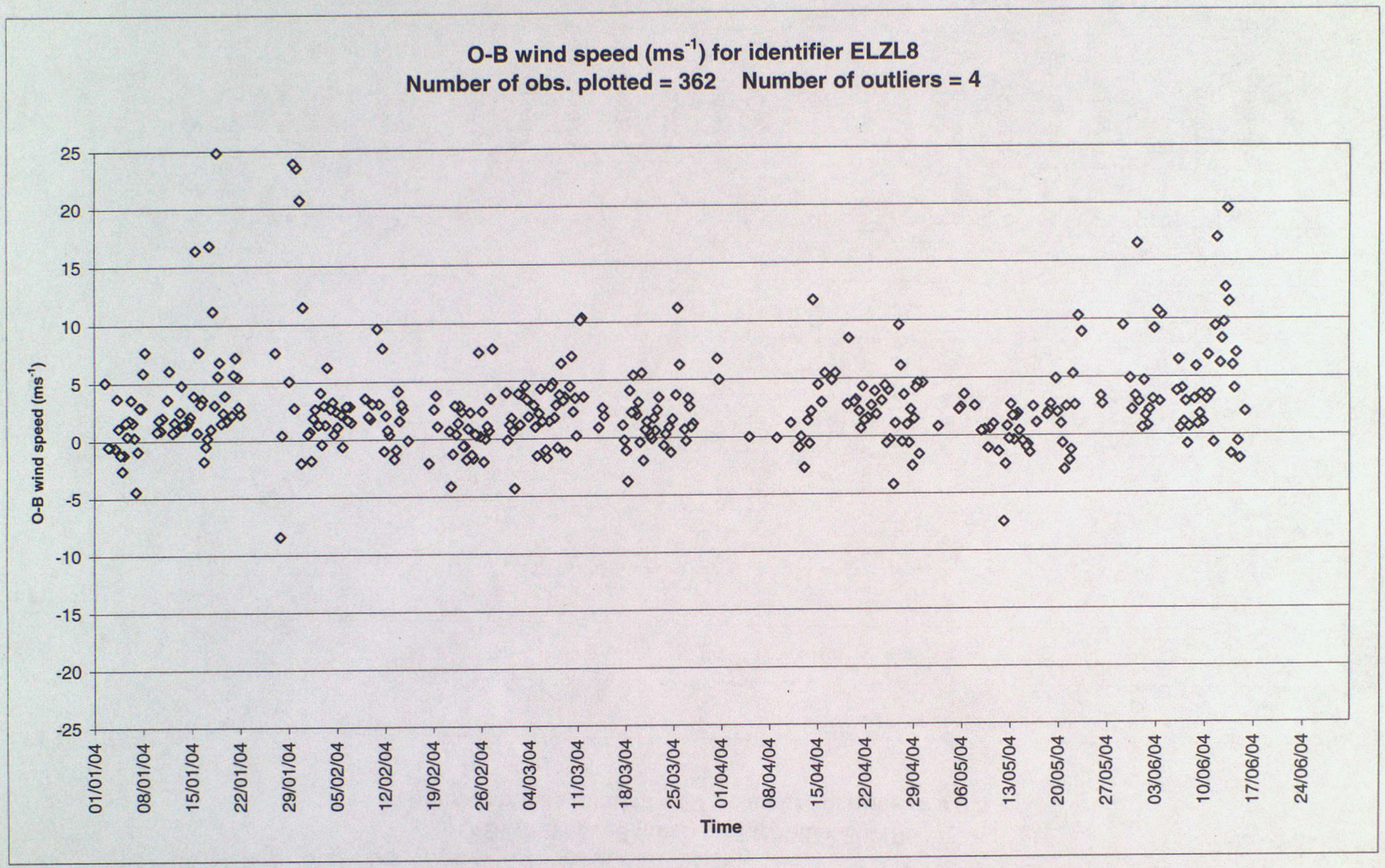

O-B pressure (hPa) for identifier 71614
Number of obs. plotted = 101 Number of outliers = 106
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B pressure (hPa) for identifier 71618
Number of obs. plotted = 3192 Number of outliers = 29
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B pressure (hPa) for identifier 74541
Number of obs. plotted = 4428 Number of outliers = 4
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B wind speed (ms-1) for identifier C6FU9
Number of obs. plotted = 42 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

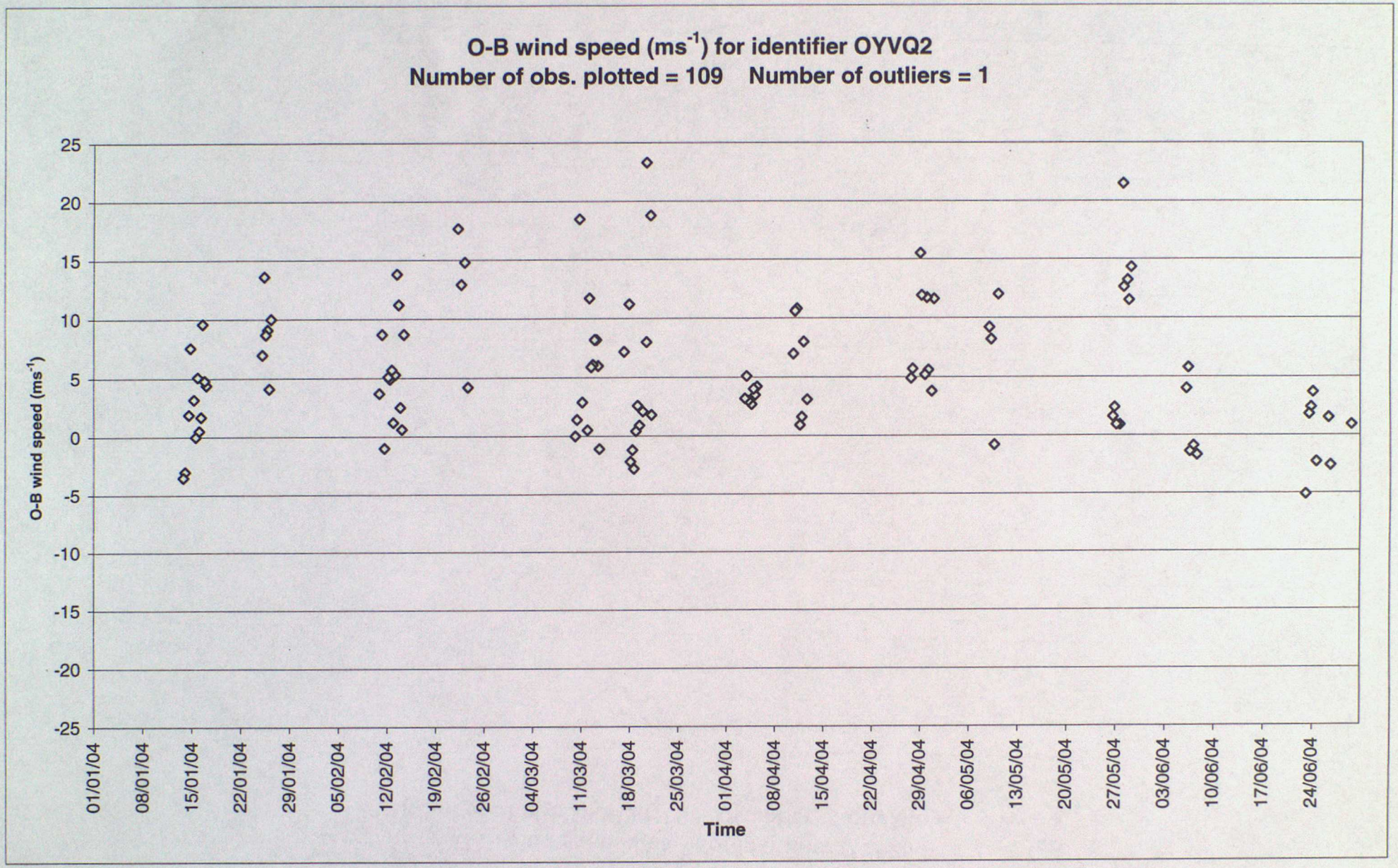
O-B wind speed (ms-1) for identifier ELWP8
Number of obs. plotted = 90 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B wind speed (ms-1) for identifier ELZL8
Number of obs. plotted = 362 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

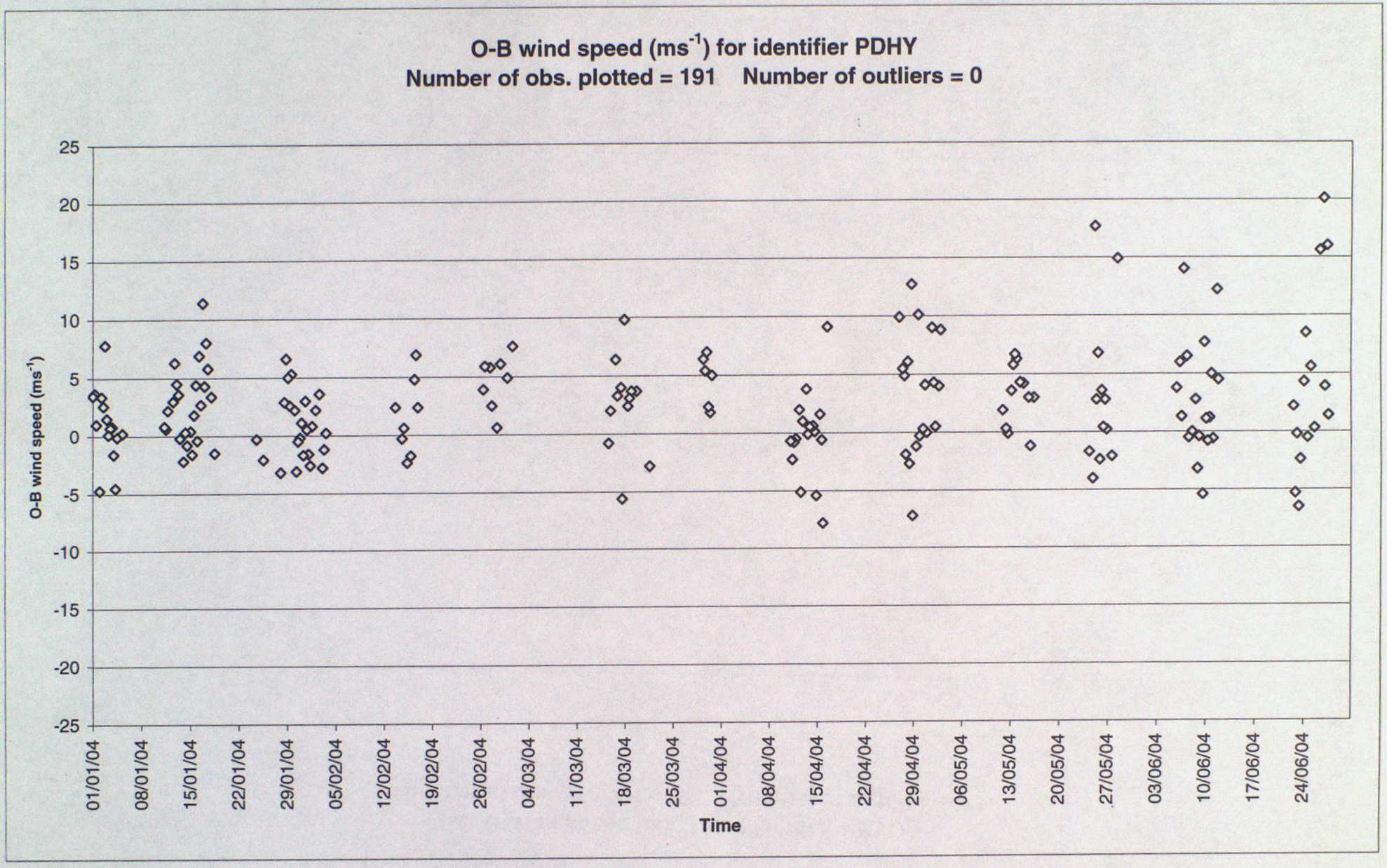
O-B wind speed (ms-1) for identifier GRFP
Number of obs. plotted = 140 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind speed (ms-1) for identifier LEQZ3
Number of obs. plotted = 70 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

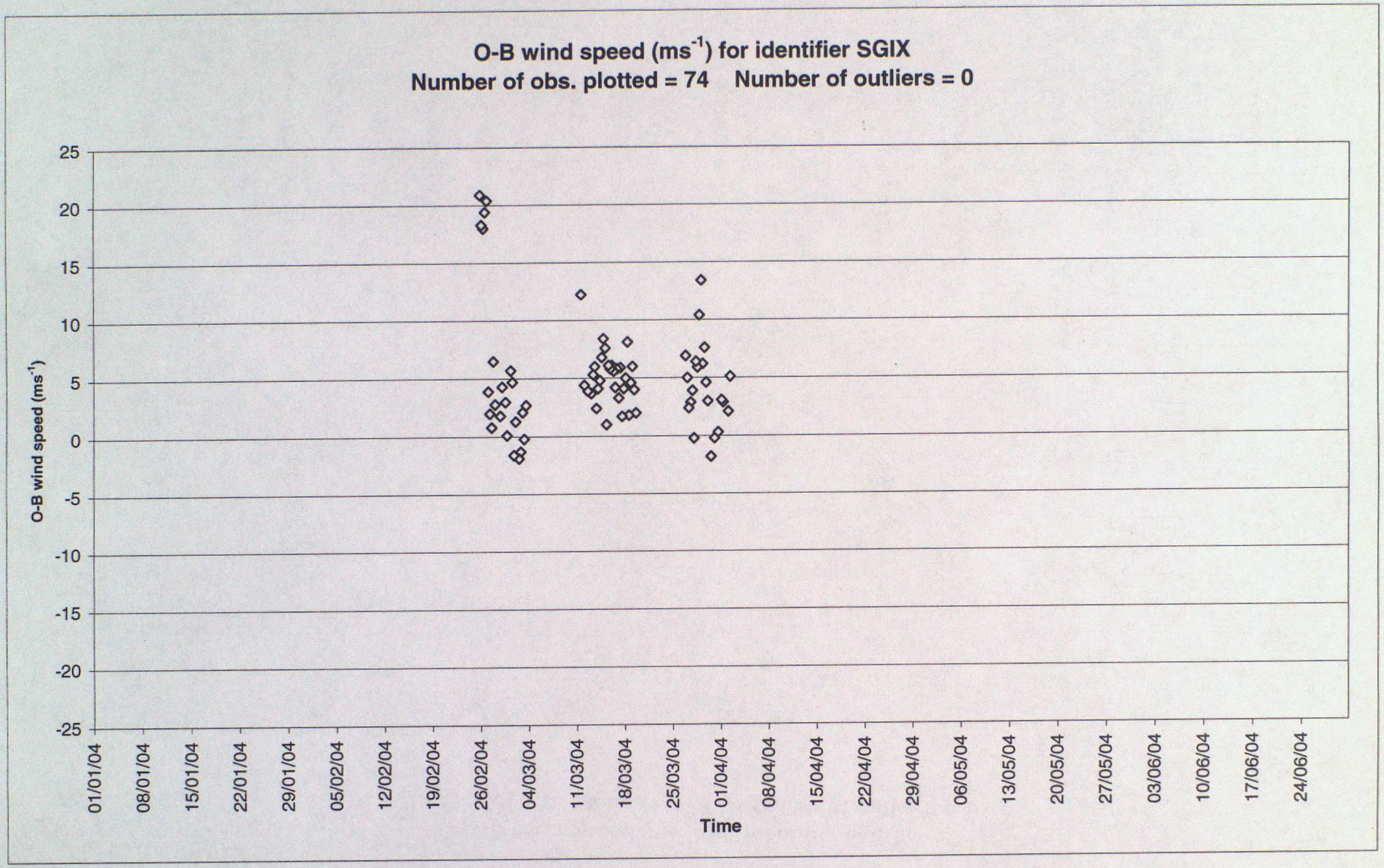
O-B wind speed (ms-1) for identifier MYLZ6
Number of obs. plotted = 56 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

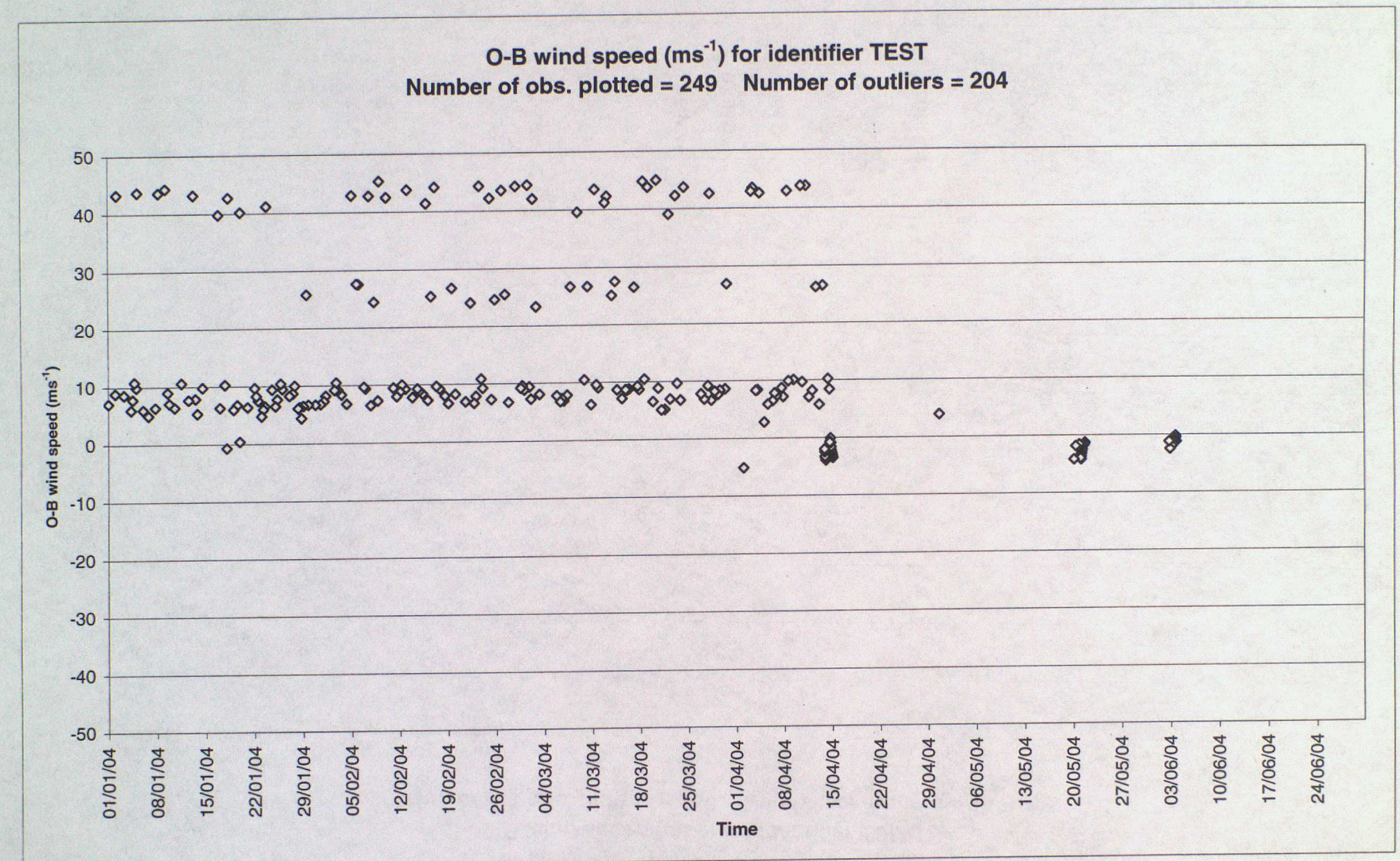

O-B wind speed (ms-1) for identifier OYVQ2
Number of obs. plotted = 109 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind speed (ms-1) for identifier PBVO
Number of obs. plotted = 121 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

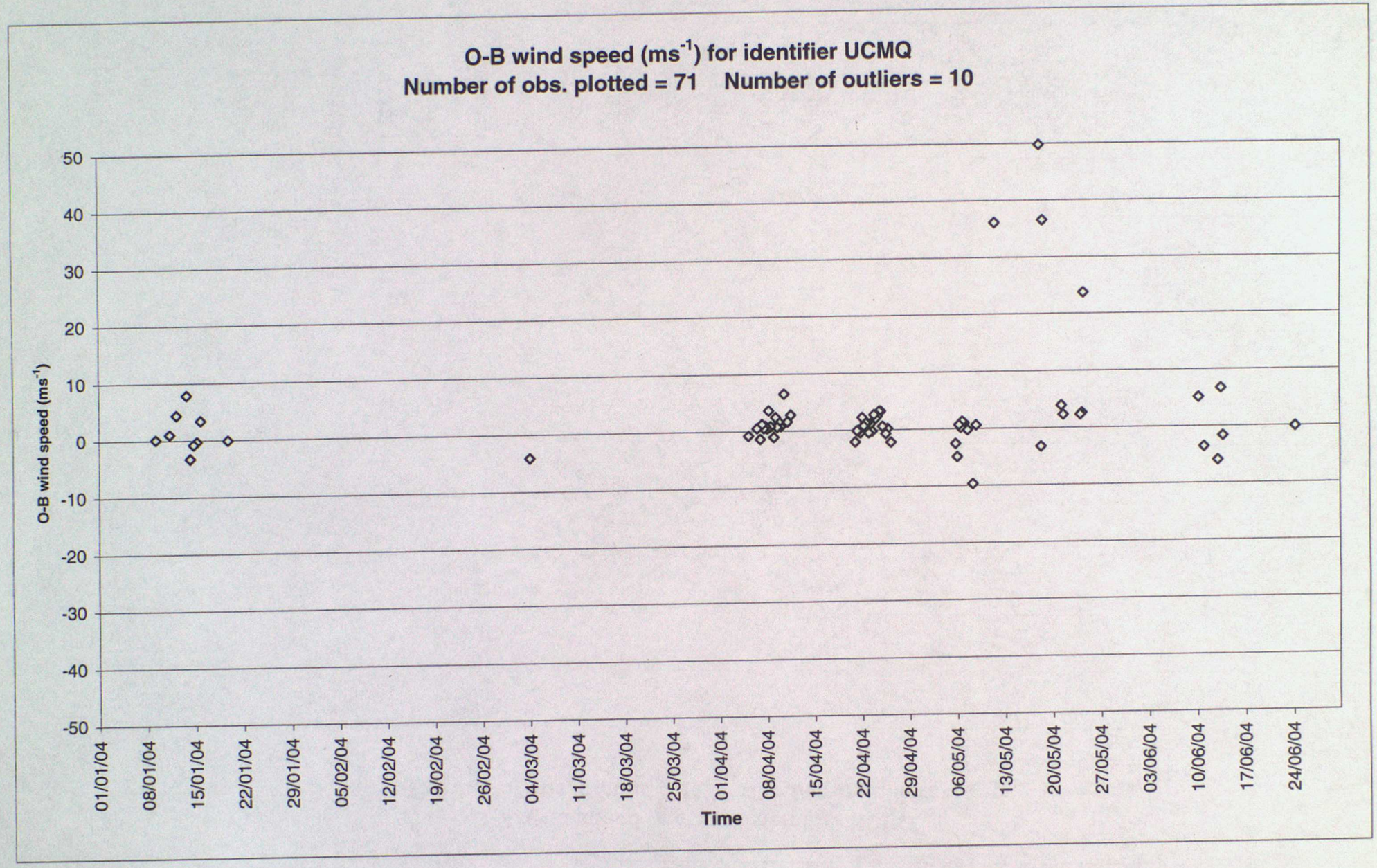

O-B wind speed (ms-1) for identifier PDHY
Number of obs. plotted = 191 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

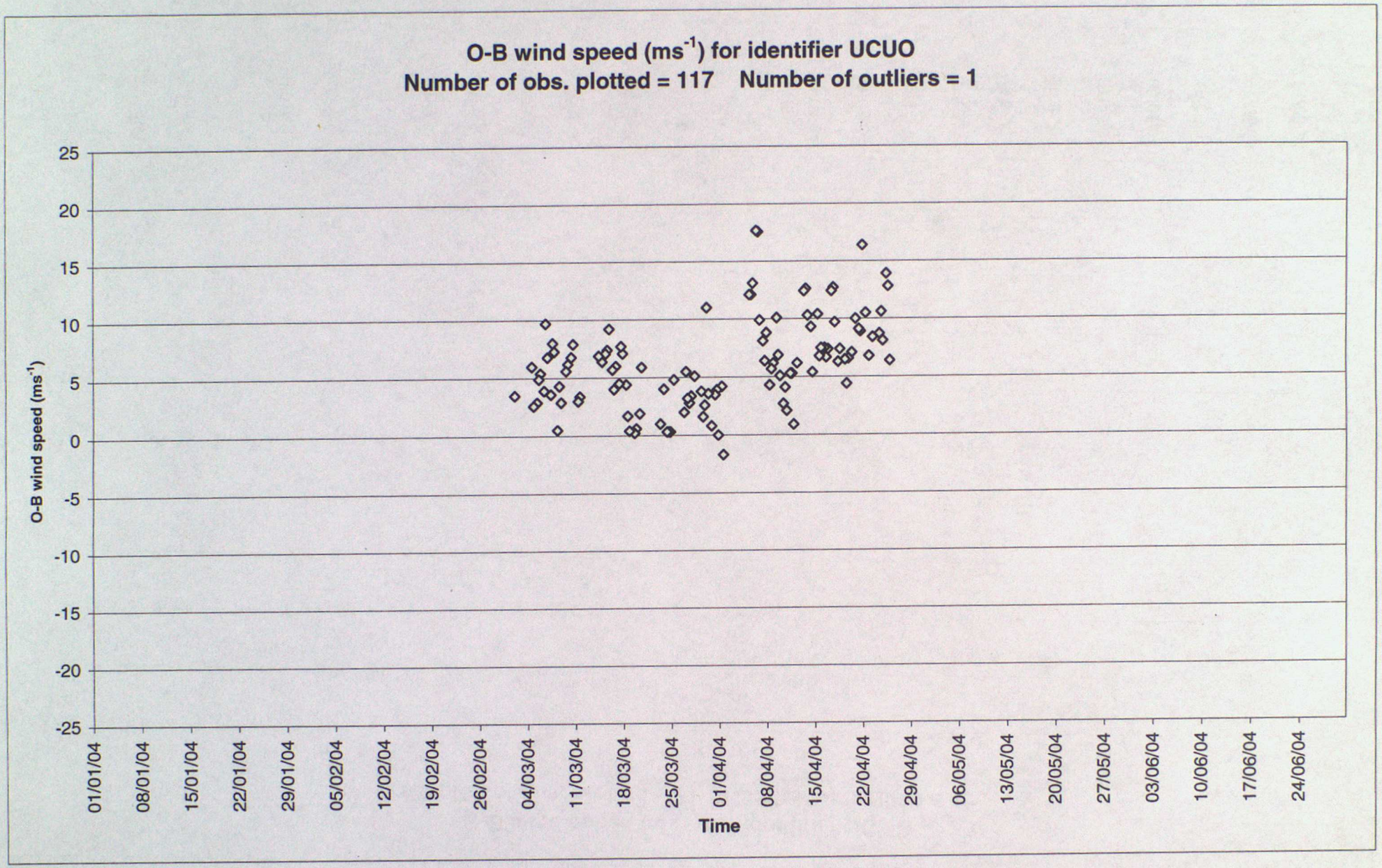
O-B wind speed (ms-1) for identifier SCKM
Number of obs. plotted = 178 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

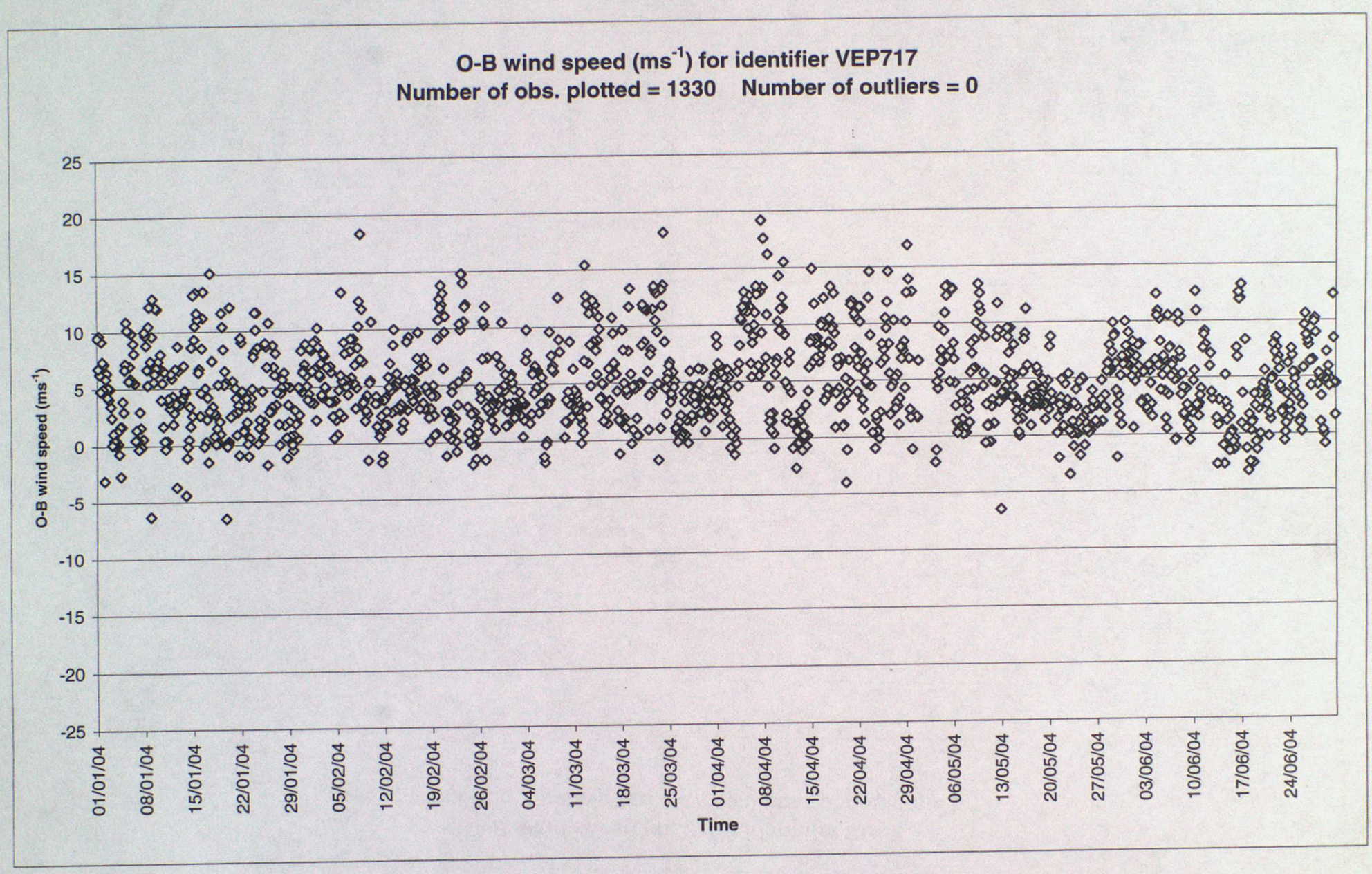

O-B wind speed (ms-1) for identifier SGIX
Number of obs. plotted = 74 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier TEST
Number of obs. plotted = 249 Number of outliers = 204
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind speed (ms-1) for identifier TSMU
Number of obs. plotted = 186 Number of outliers = 14
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

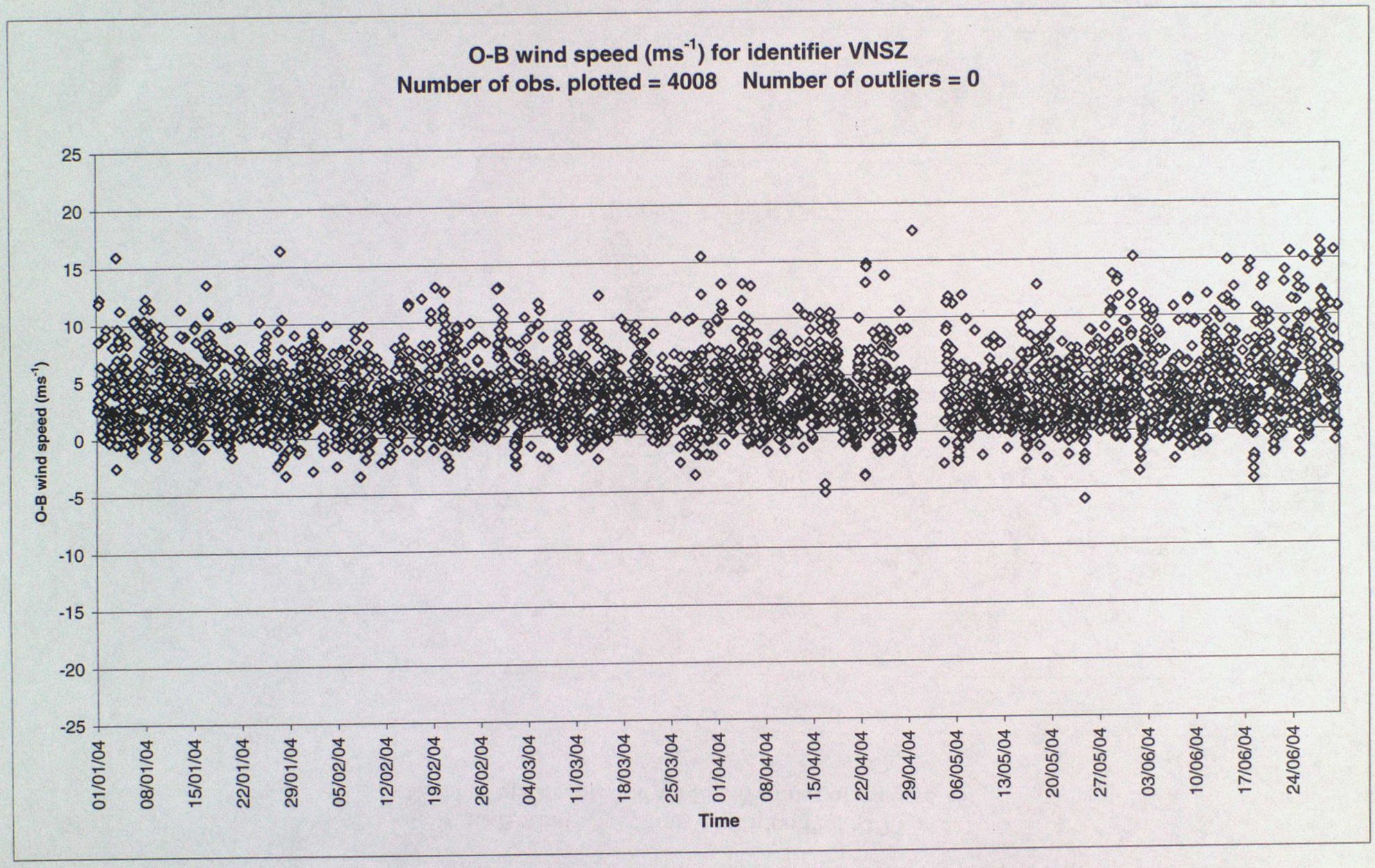

O-B wind speed (ms-1) for identifier UCMQ
Number of obs. plotted = 71 Number of outliers = 10
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier UCUO
Number of obs. plotted = 117 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

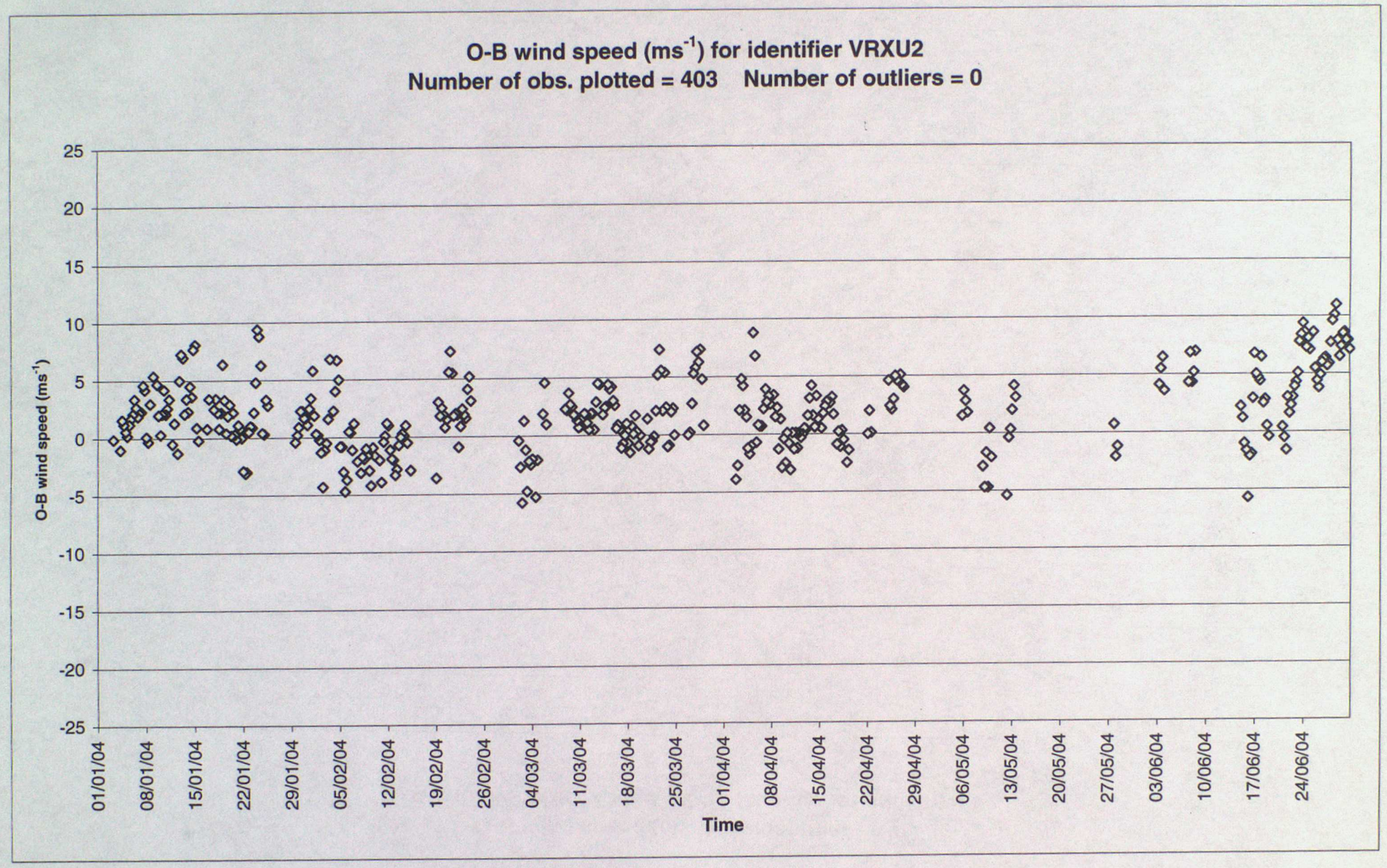

O-B wind speed (ms-1) for identifier VEP717
Number of obs. plotted = 1330 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind speed (ms-1) for identifier VGLZ
Number of obs. plotted = 81 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

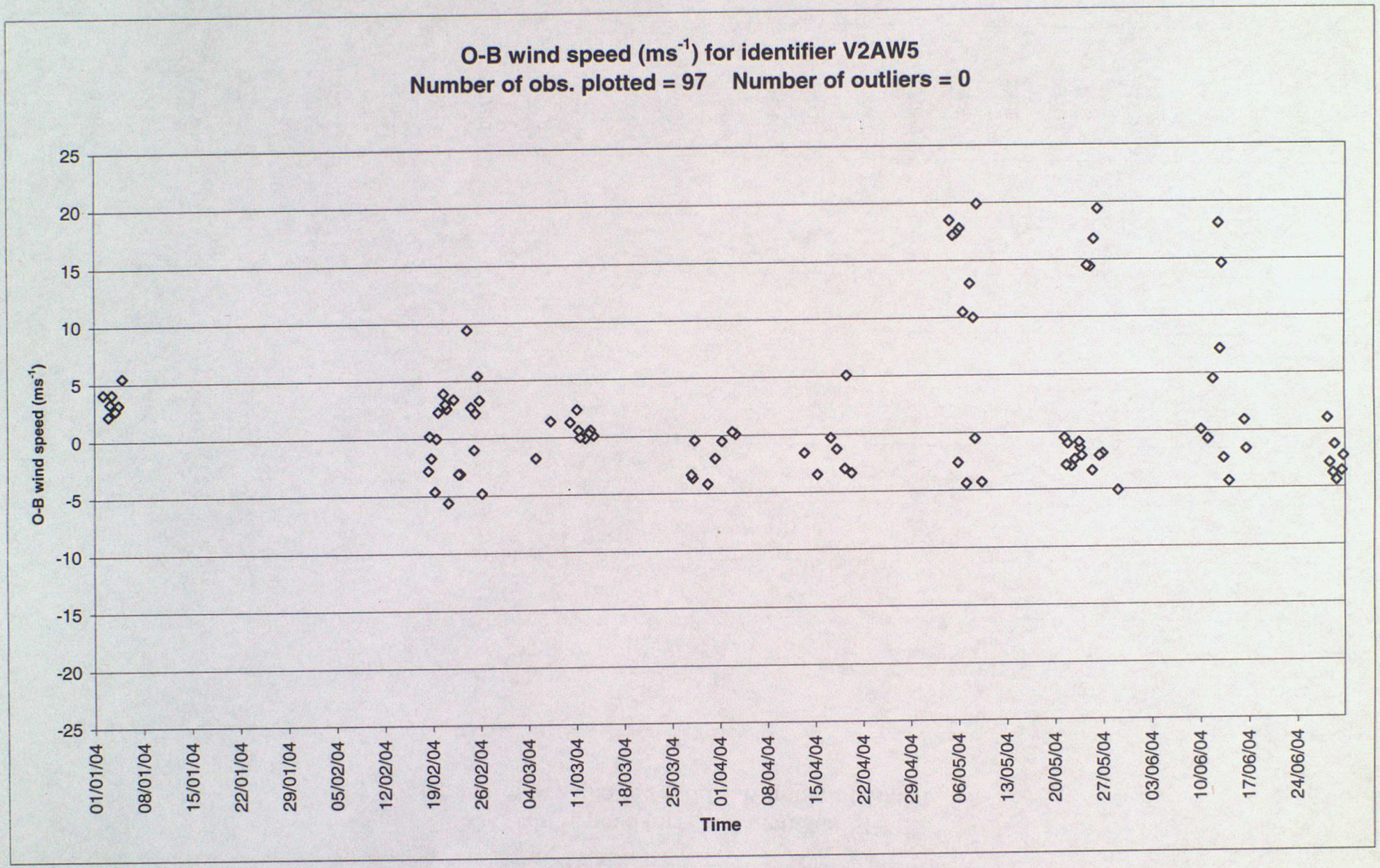
O-B wind speed (ms-1) for identifier VLTT
Number of obs. plotted = 758 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

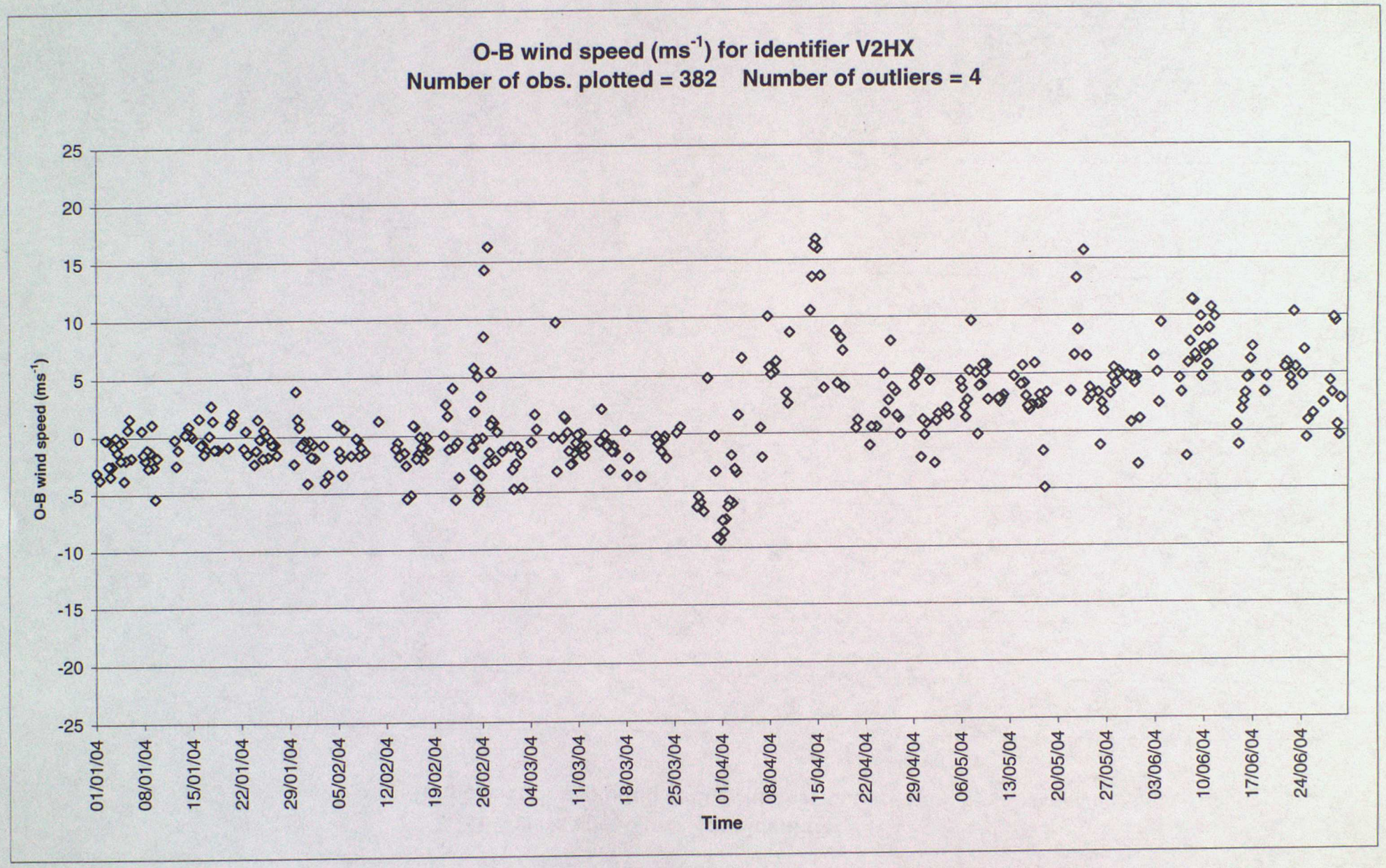

O-B wind speed (ms-1) for identifier VNSZ
Number of obs. plotted = 4008 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind speed (ms-1) for identifier VNVG
Number of obs. plotted = 275 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier VRXU2
Number of obs. plotted = 403 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

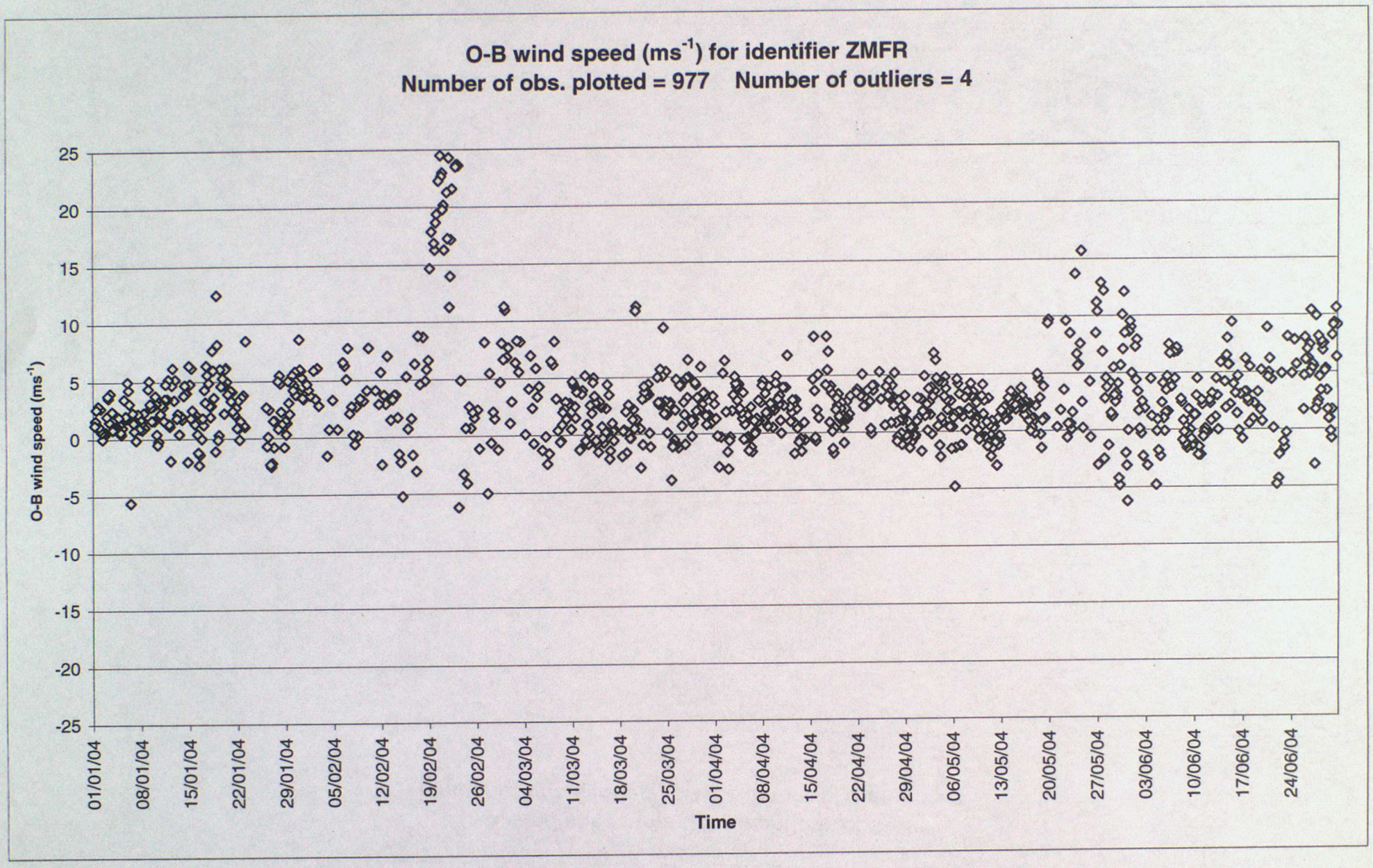
O-B wind speed (ms-1) for identifier VRYS8
Number of obs. plotted = 158 Number of outliers = 3
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

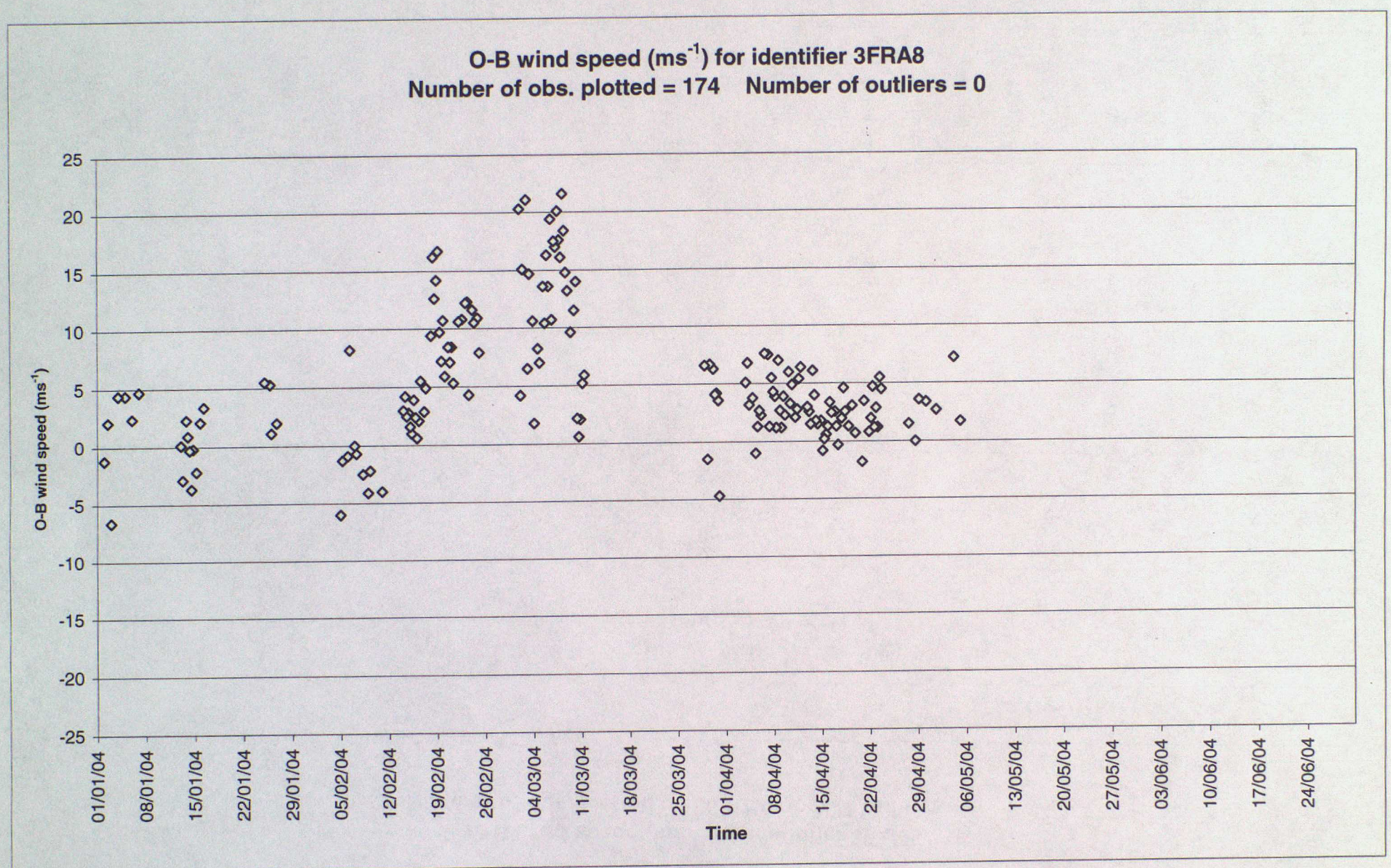

O-B wind speed (ms-1) for identifier V2AW5
Number of obs. plotted = 97 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

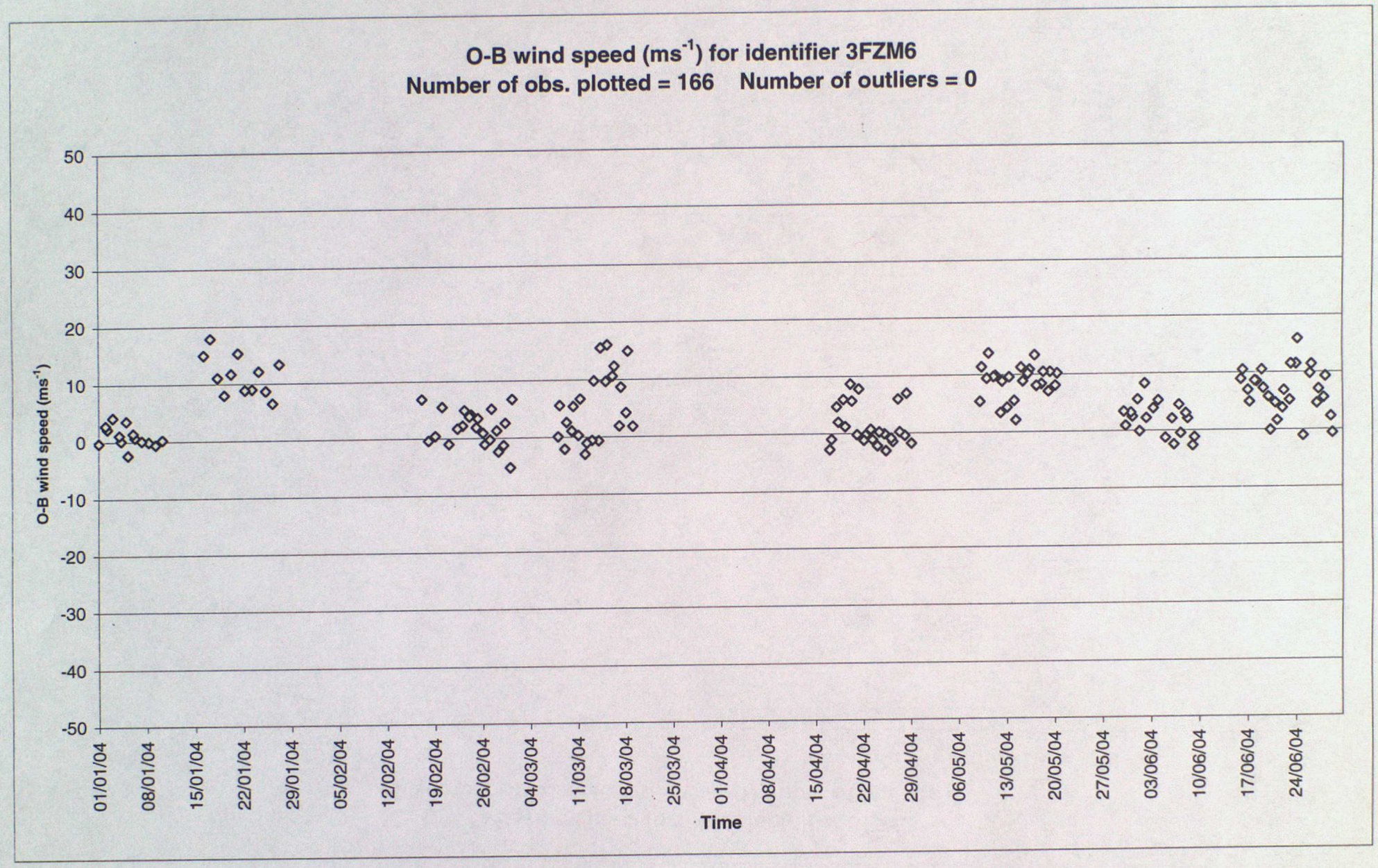

O-B wind speed (ms-1) for identifier V2HX
Number of obs. plotted = 382 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

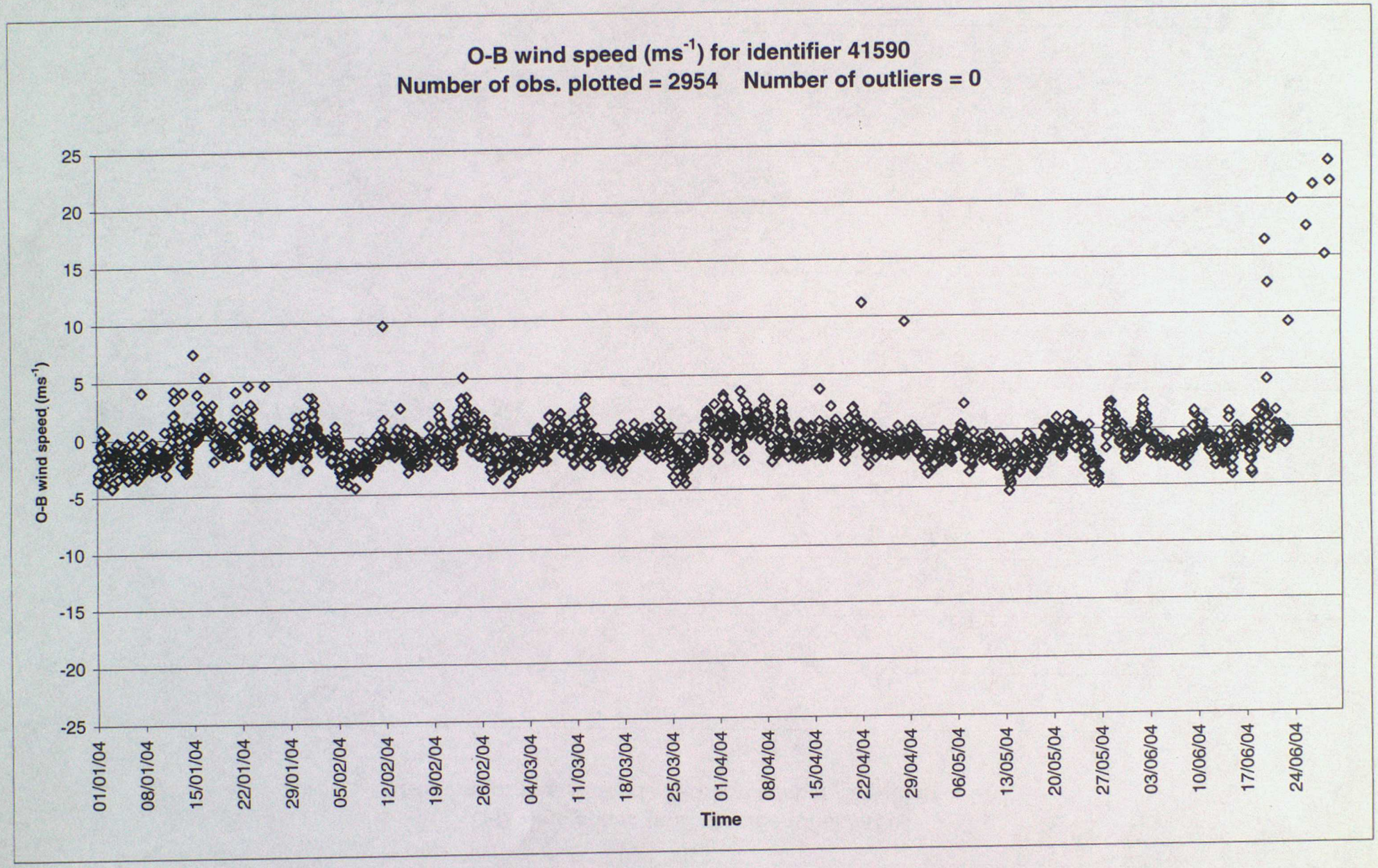
O-B wind speed (ms-1) for identifier V7CZ6
Number of obs. plotted = 40 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

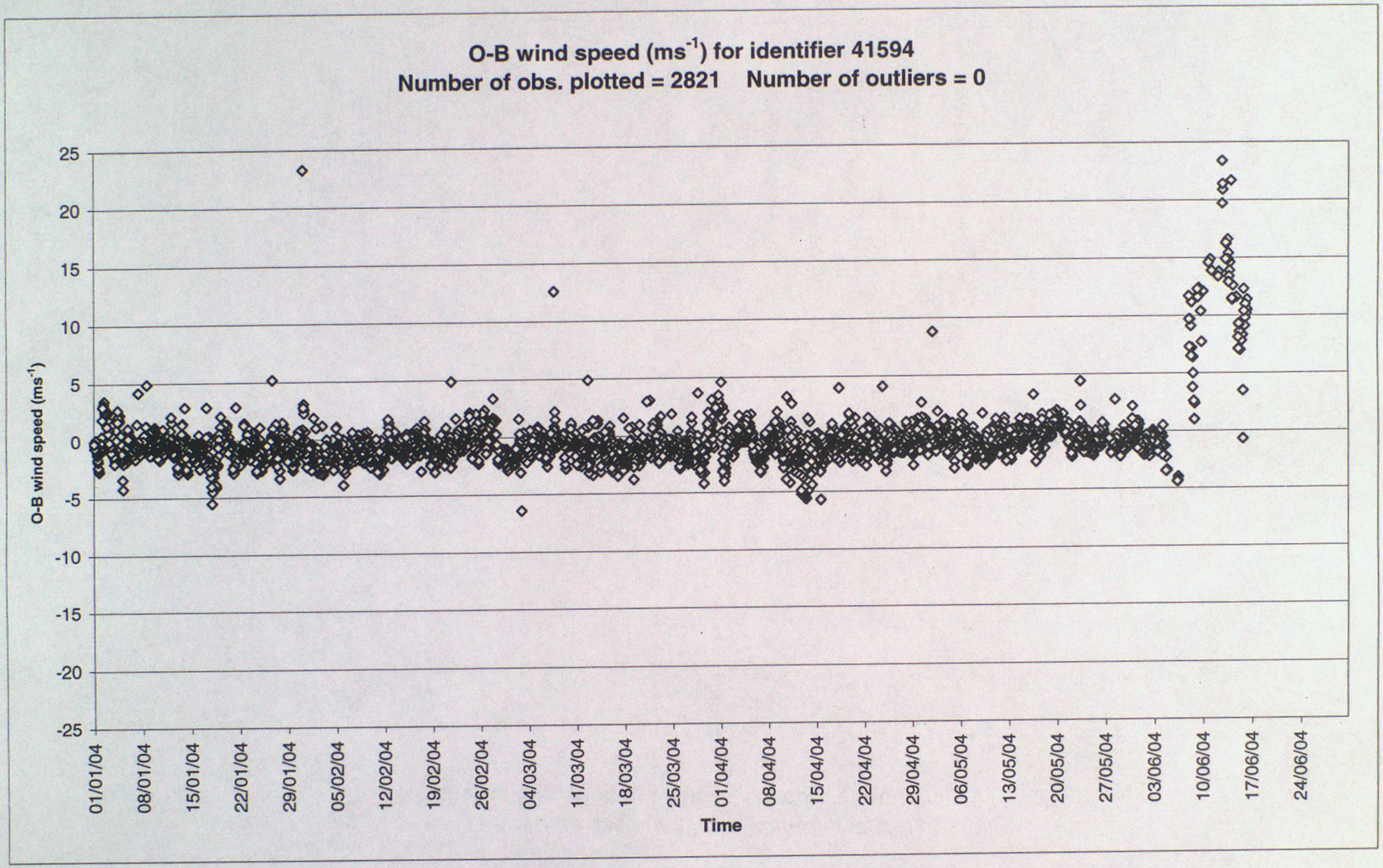
O-B wind speed (ms-1) for identifier ZCDG4
Number of obs. plotted = 51 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

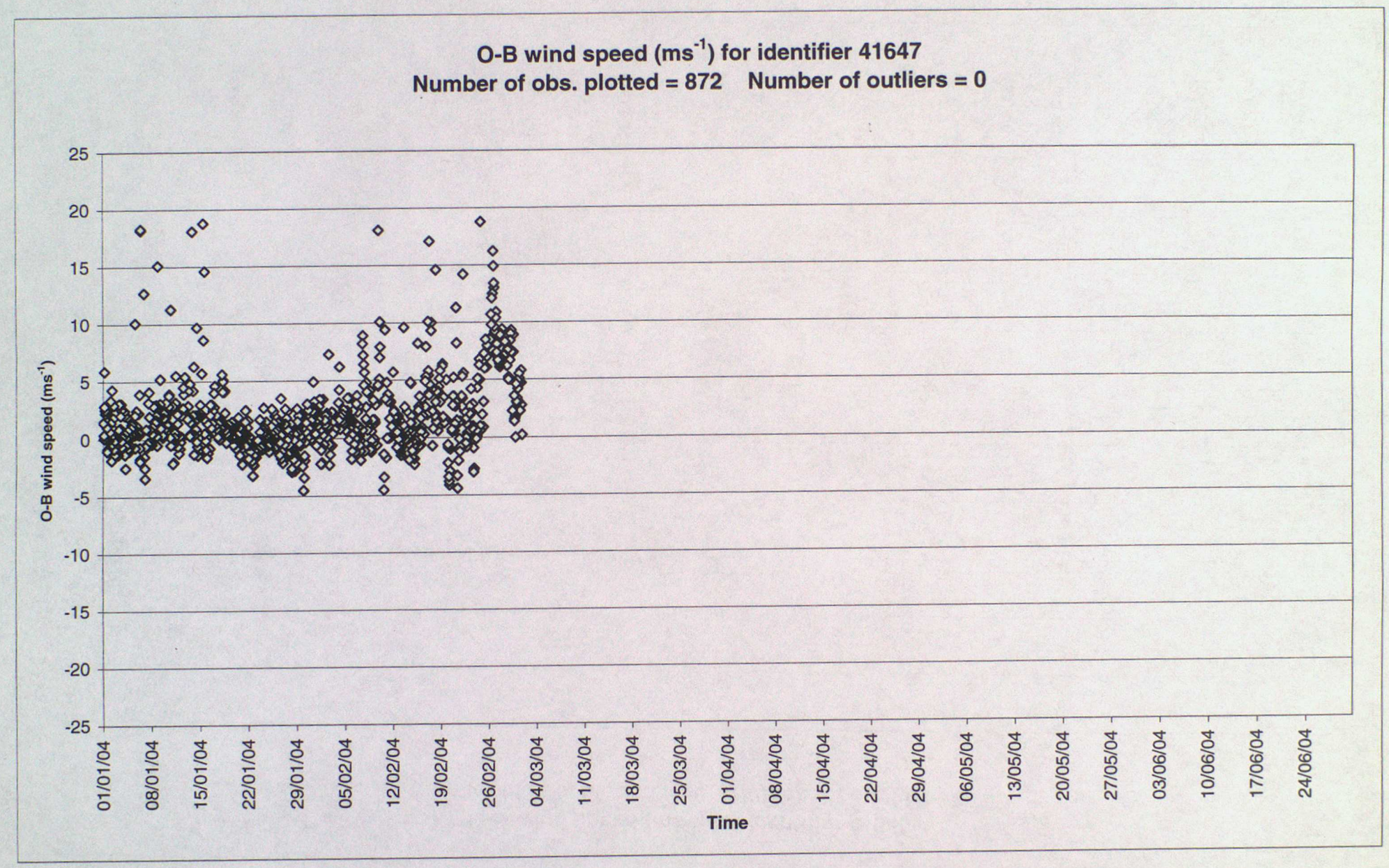

O-B wind speed (ms-1) for identifier ZMFR
Number of obs. plotted = 977 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

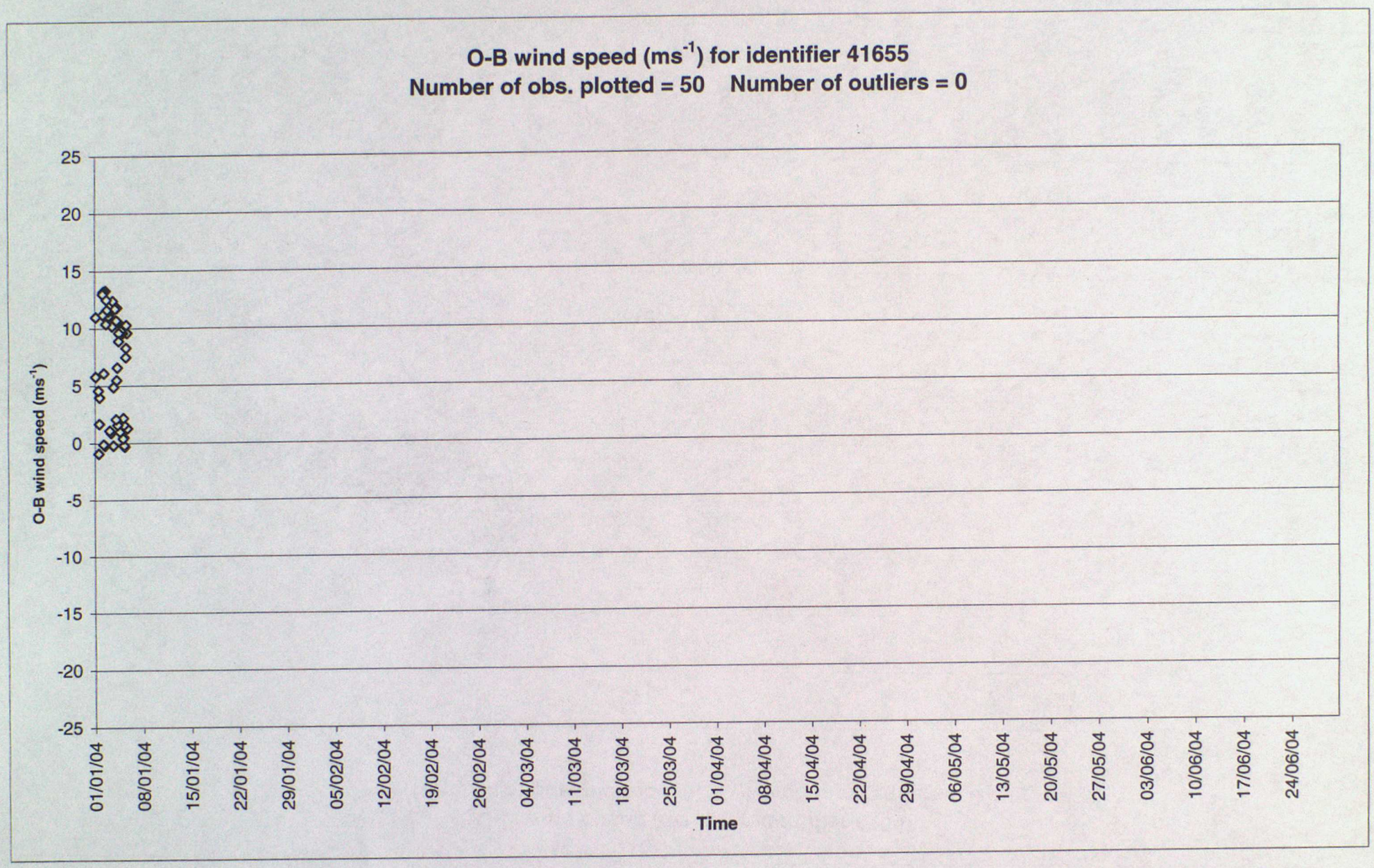

O-B wind speed (ms-1) for identifier 3FRA8
Number of obs. plotted = 174 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

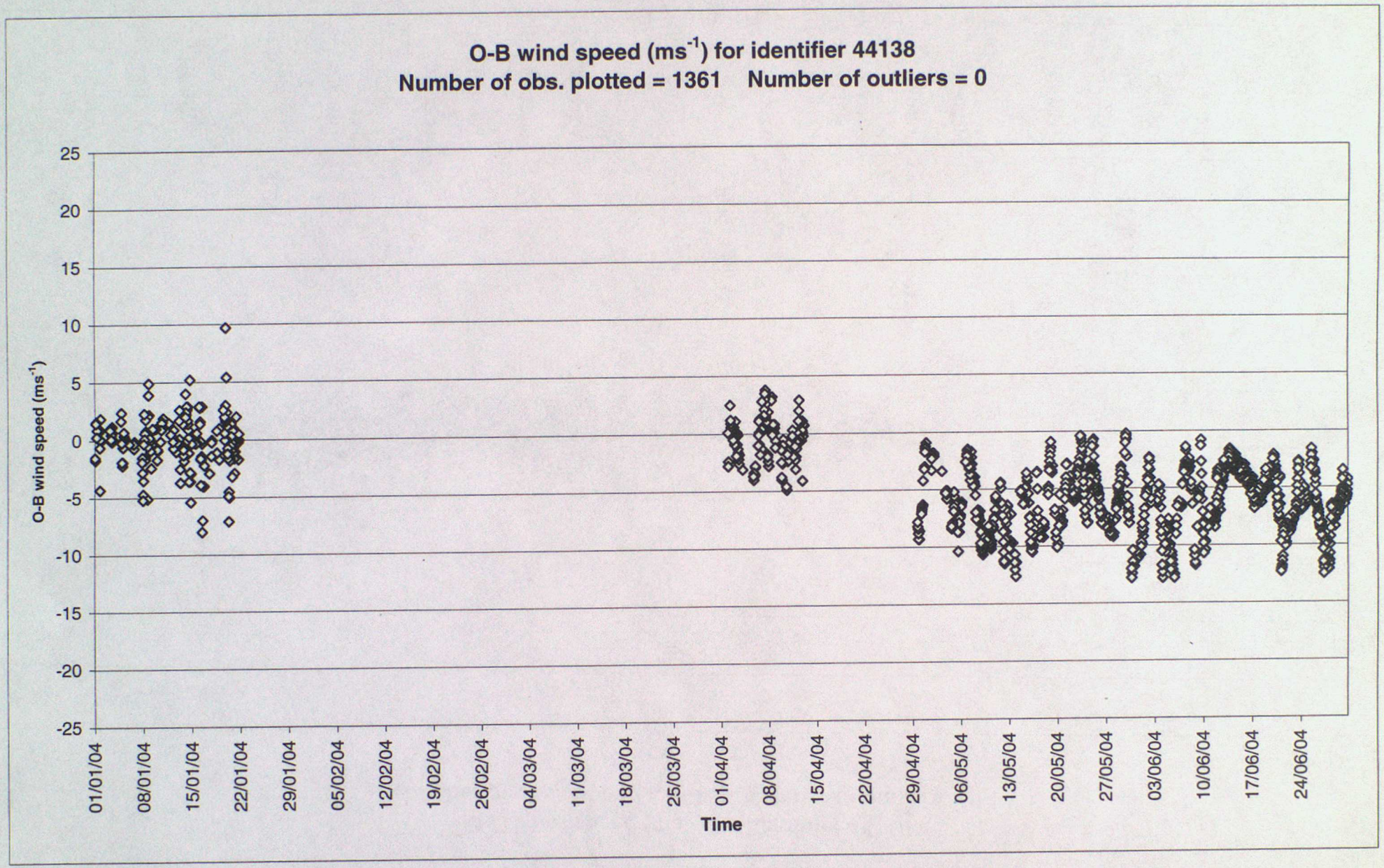

O-B wind speed (ms-1) for identifier 3FZM6
Number of obs. plotted = 166 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

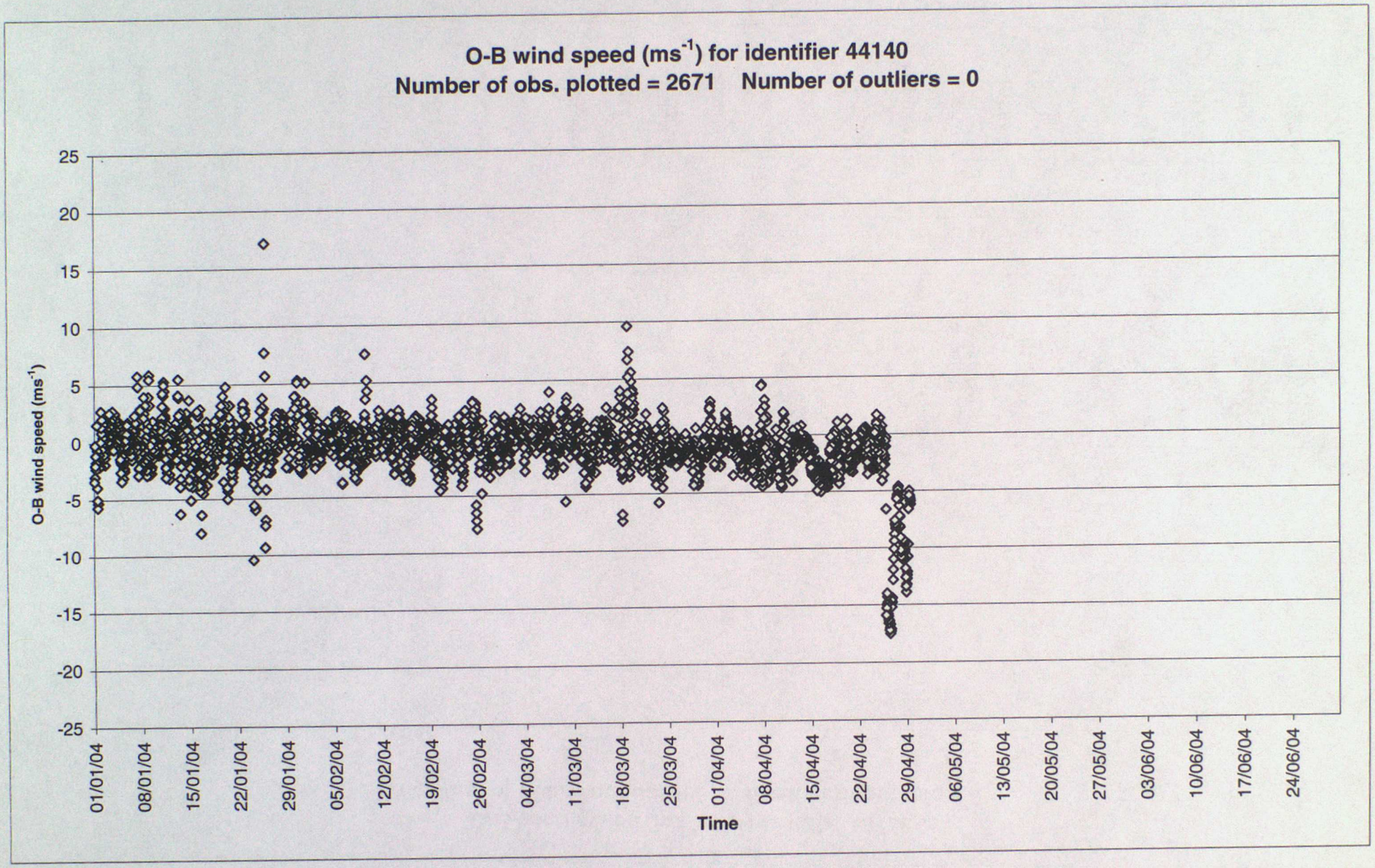

O-B wind speed (ms-1) for identifier 41590
Number of obs. plotted = 2954 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier 41594
Number of obs. plotted = 2821 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

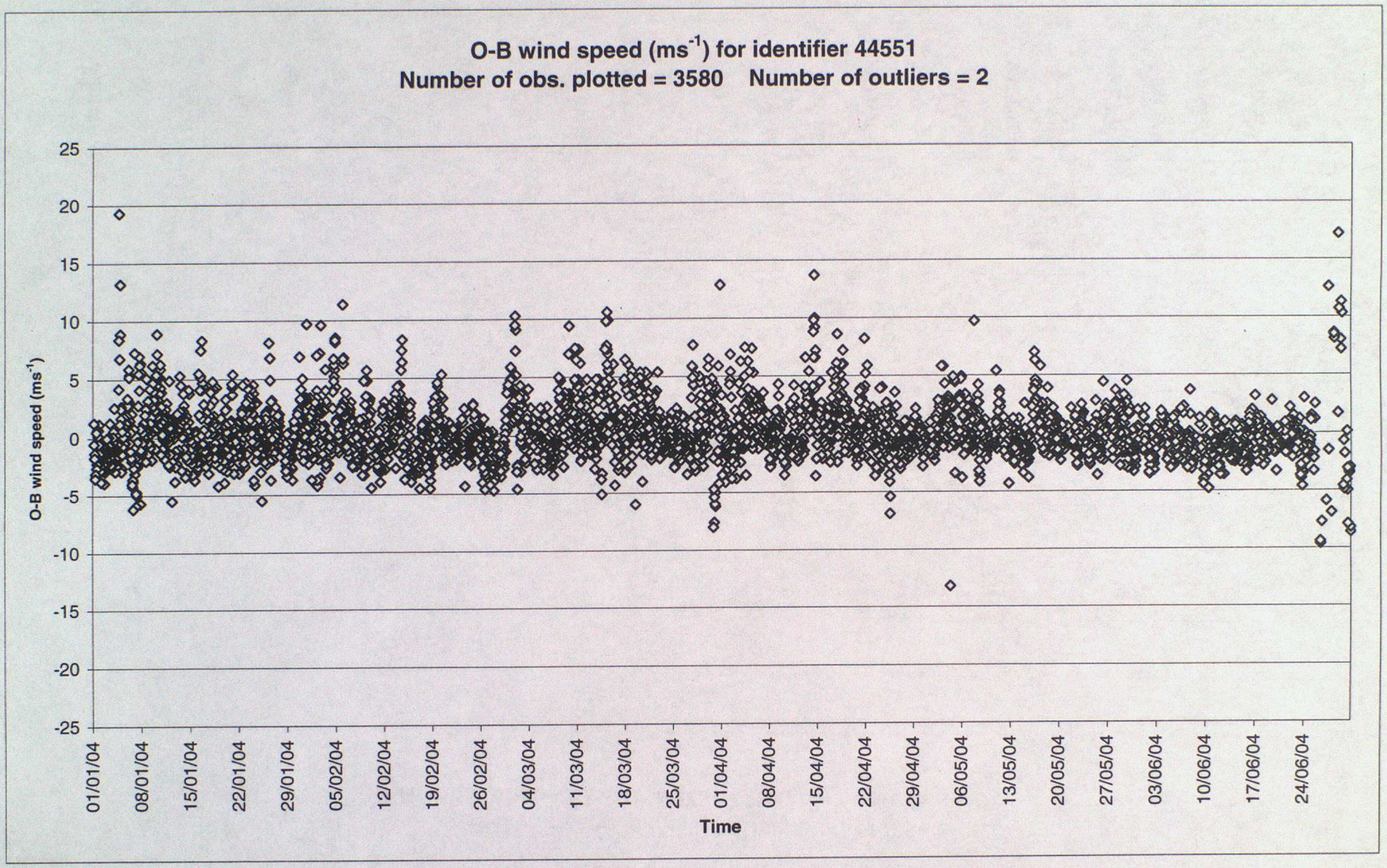

O-B wind speed (ms-1) for identifier 41647
Number of obs. plotted = 872 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier 41655
Number of obs. plotted = 50 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

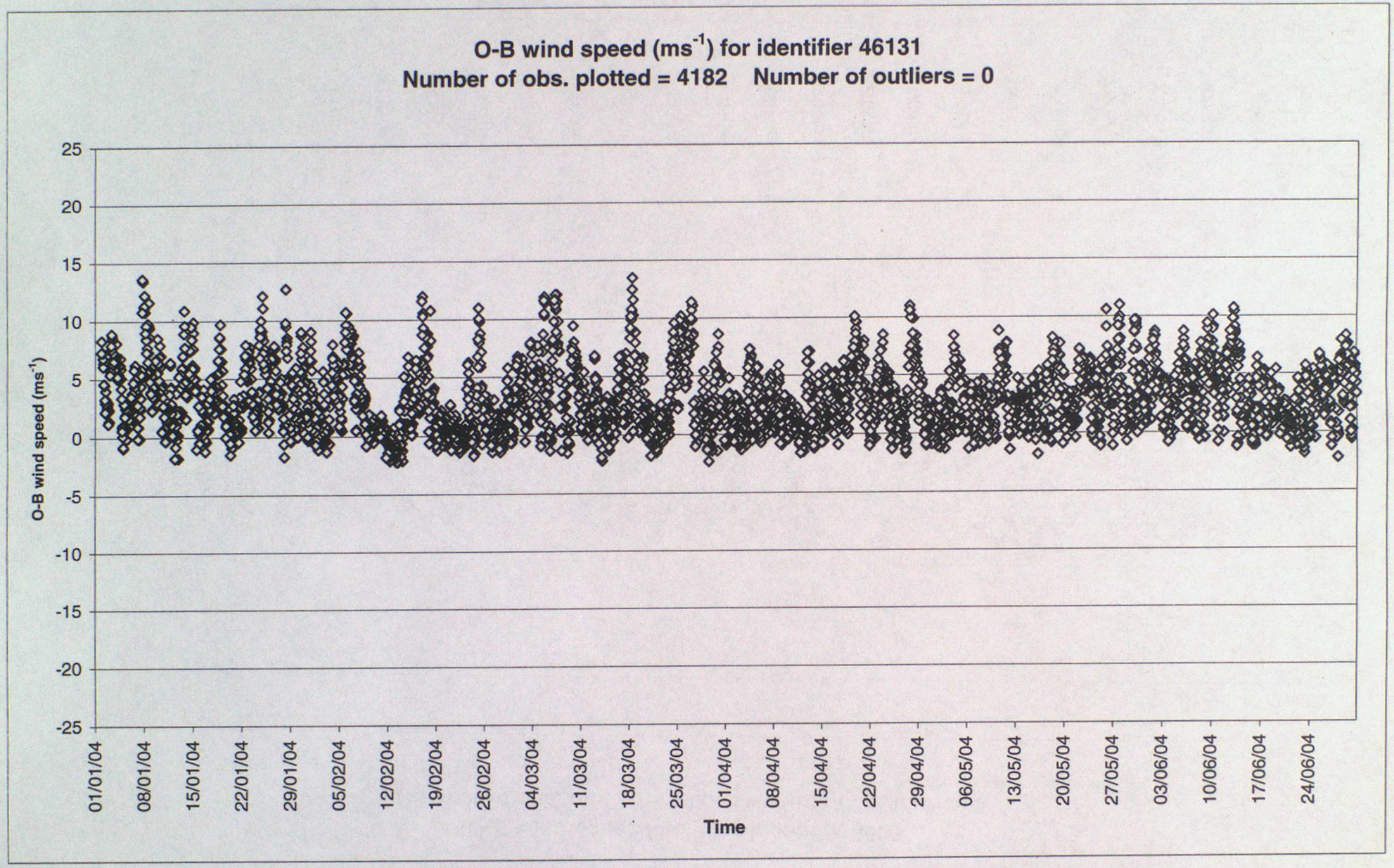

O-B wind speed (ms-1) for identifier 44138
Number of obs. plotted = 1361 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier 44140
Number of obs. plotted = 2671 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

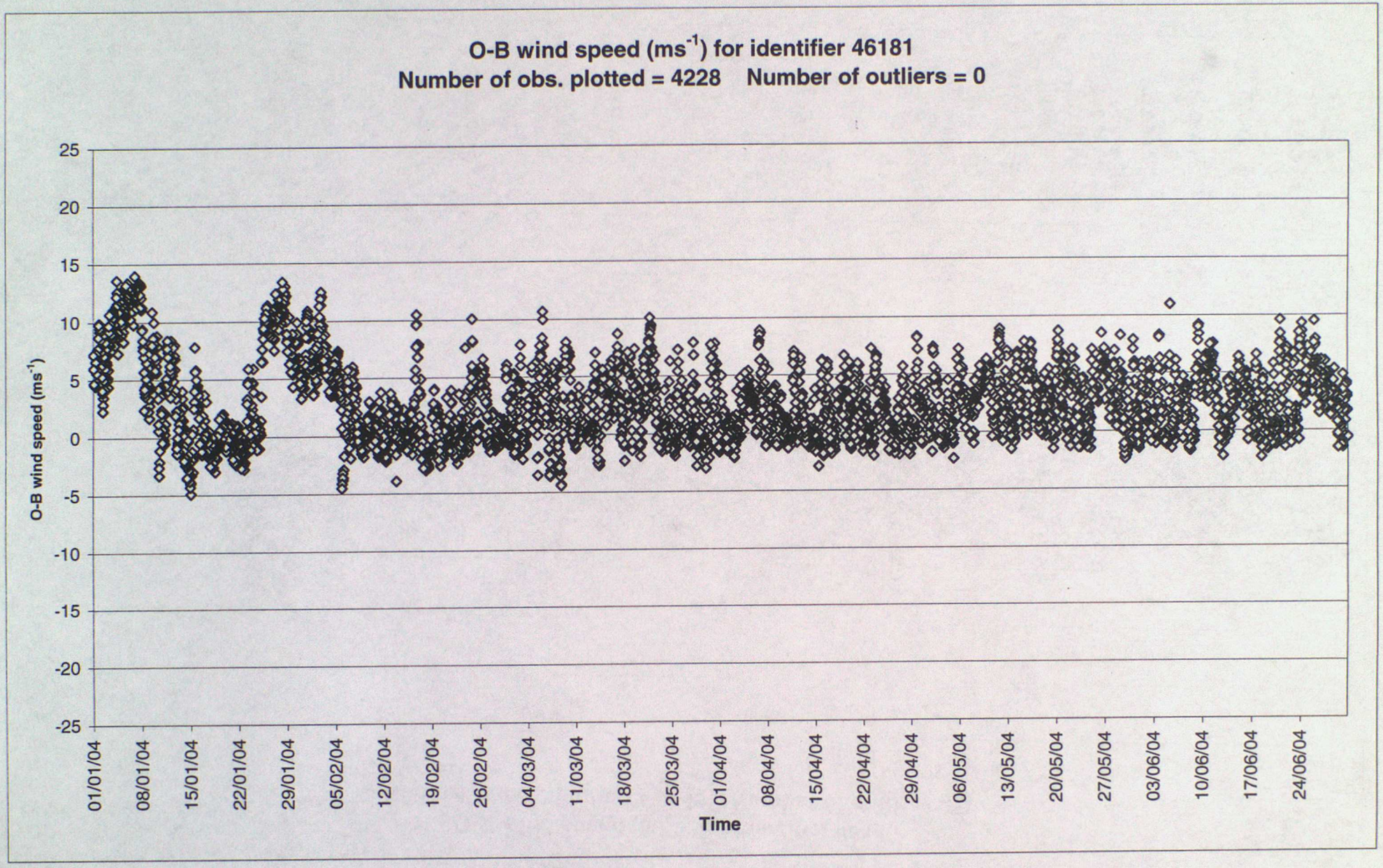
O-B wind speed (ms-1) for identifier 44255
Number of obs. plotted = 2737 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

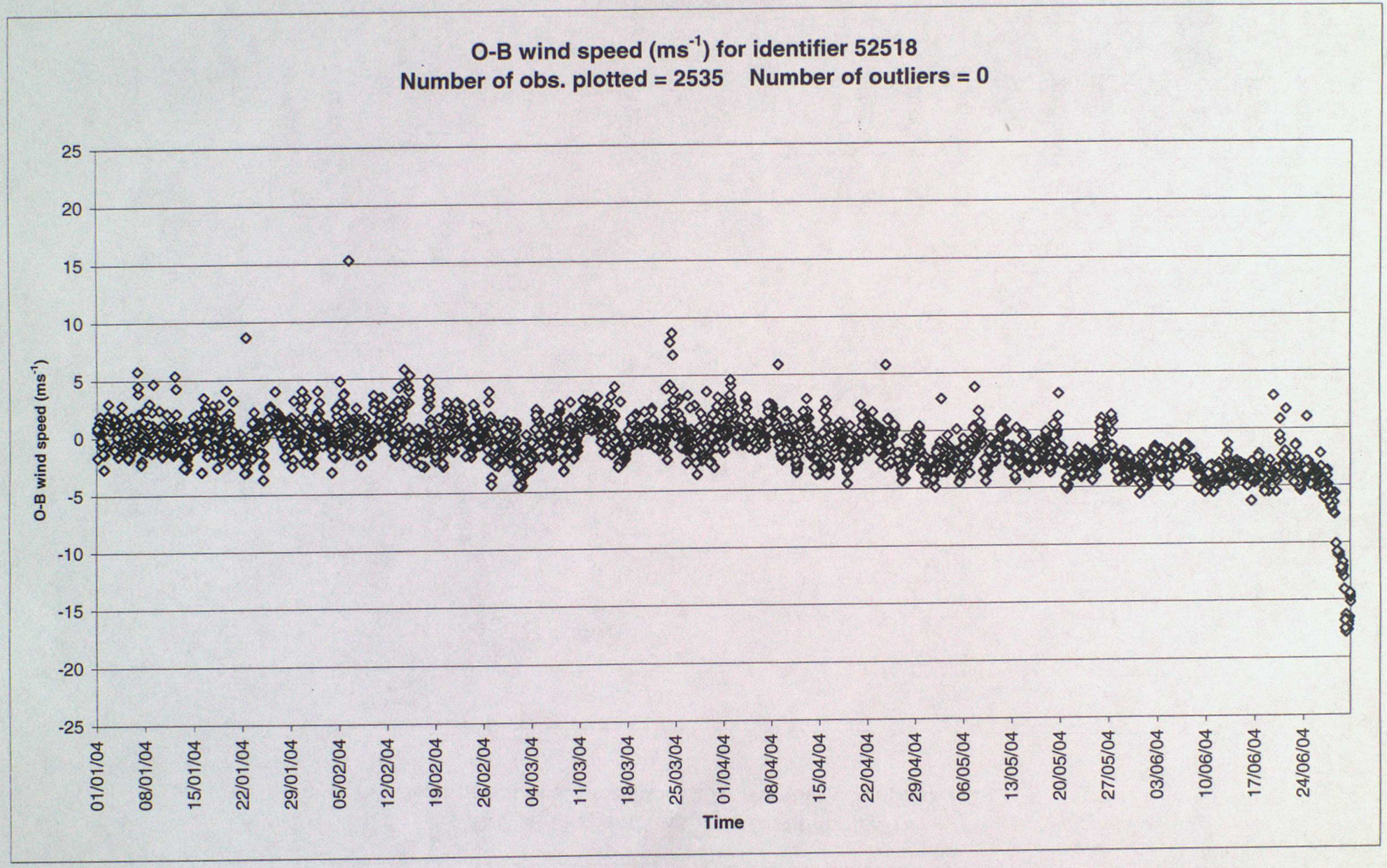

O-B wind speed (ms-1) for identifier 44551
Number of obs. plotted = 3580 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

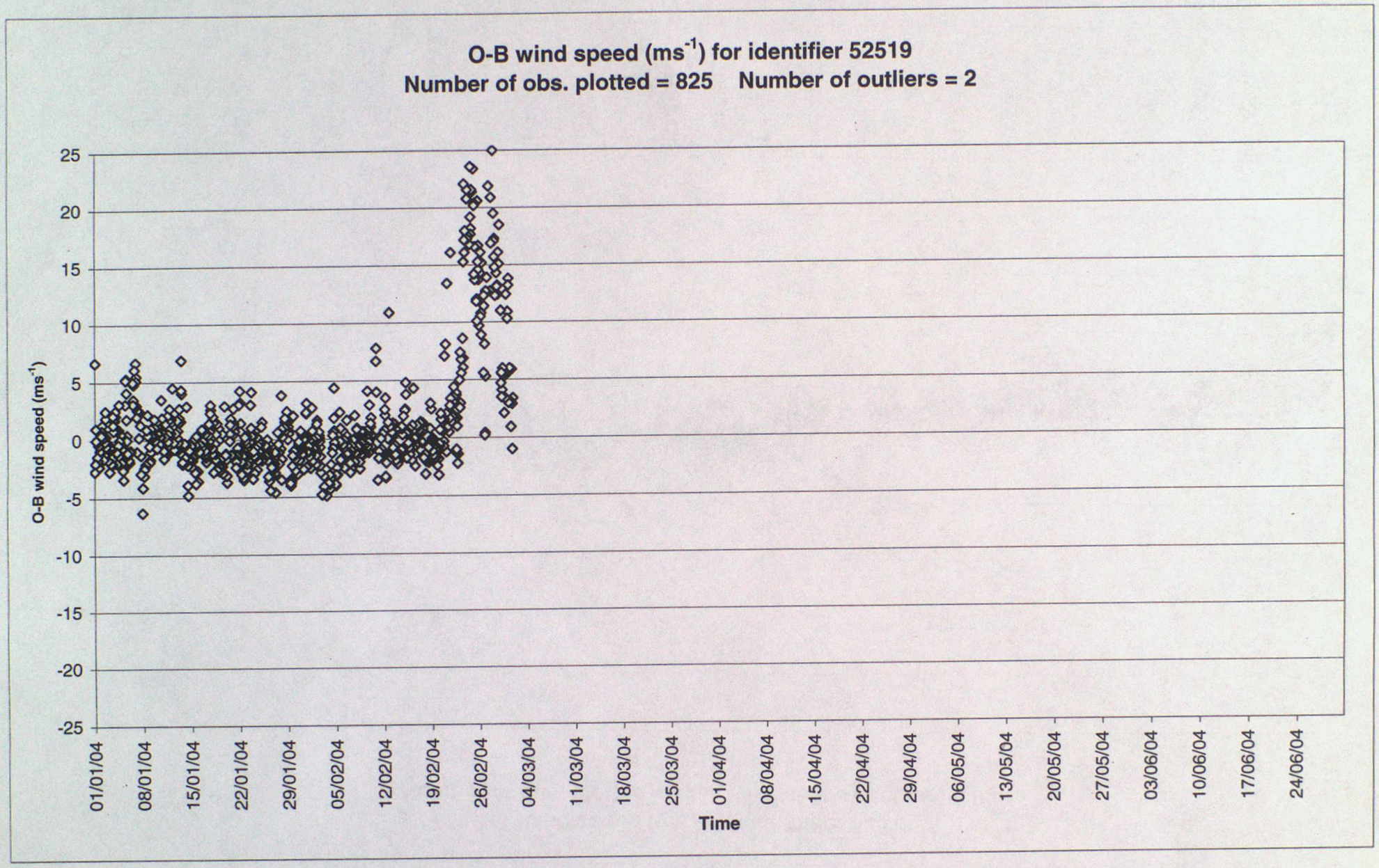
O-B wind speed (ms-1) for identifier 46054
Number of obs. plotted = 1422 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

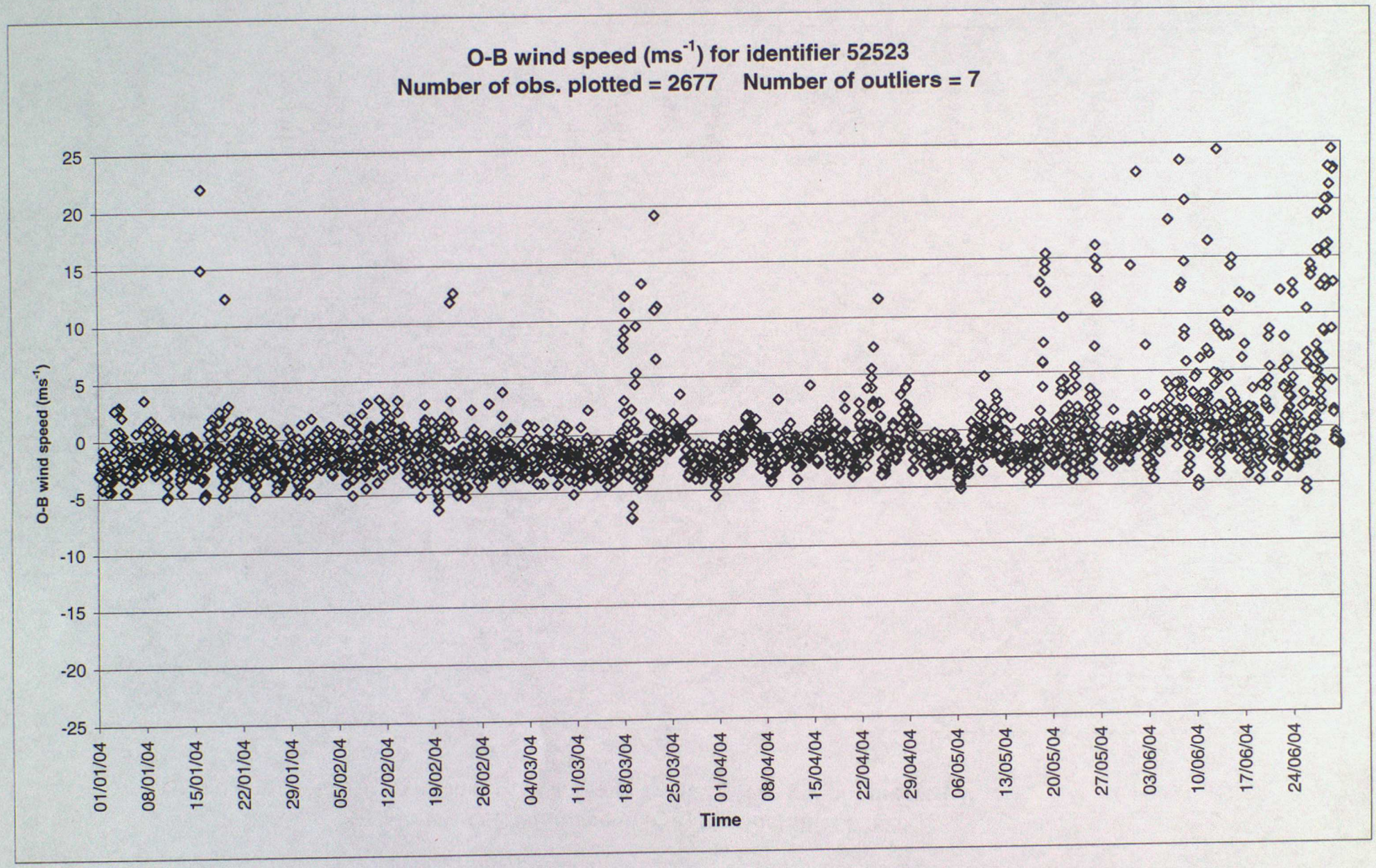

O-B wind speed (ms-1) for identifier 46131
Number of obs. plotted = 4182 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

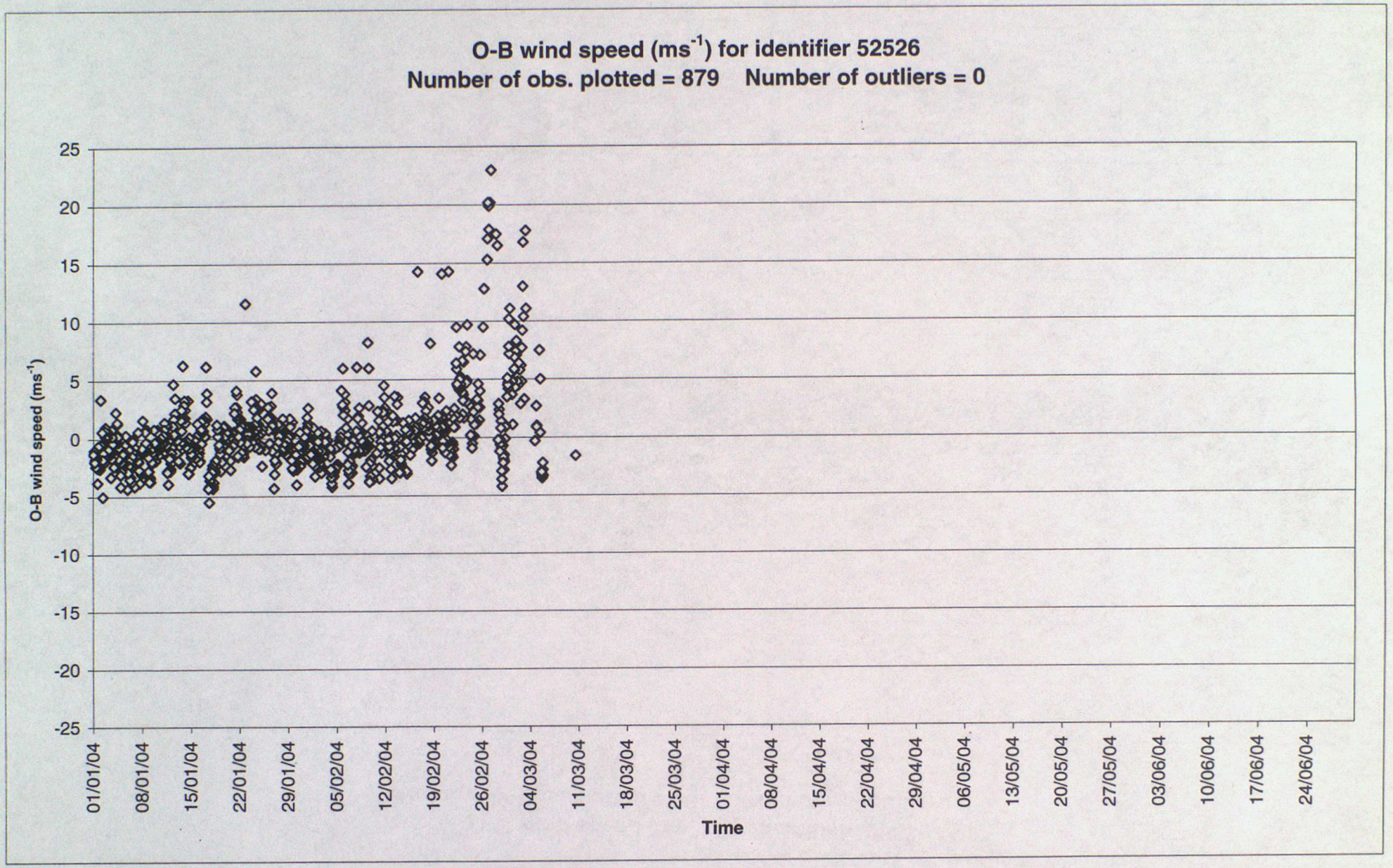
O-B wind speed (ms-1) for identifier 46146
Number of obs. plotted = 3749 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B wind speed (ms-1) for identifier 46181
Number of obs. plotted = 4228 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

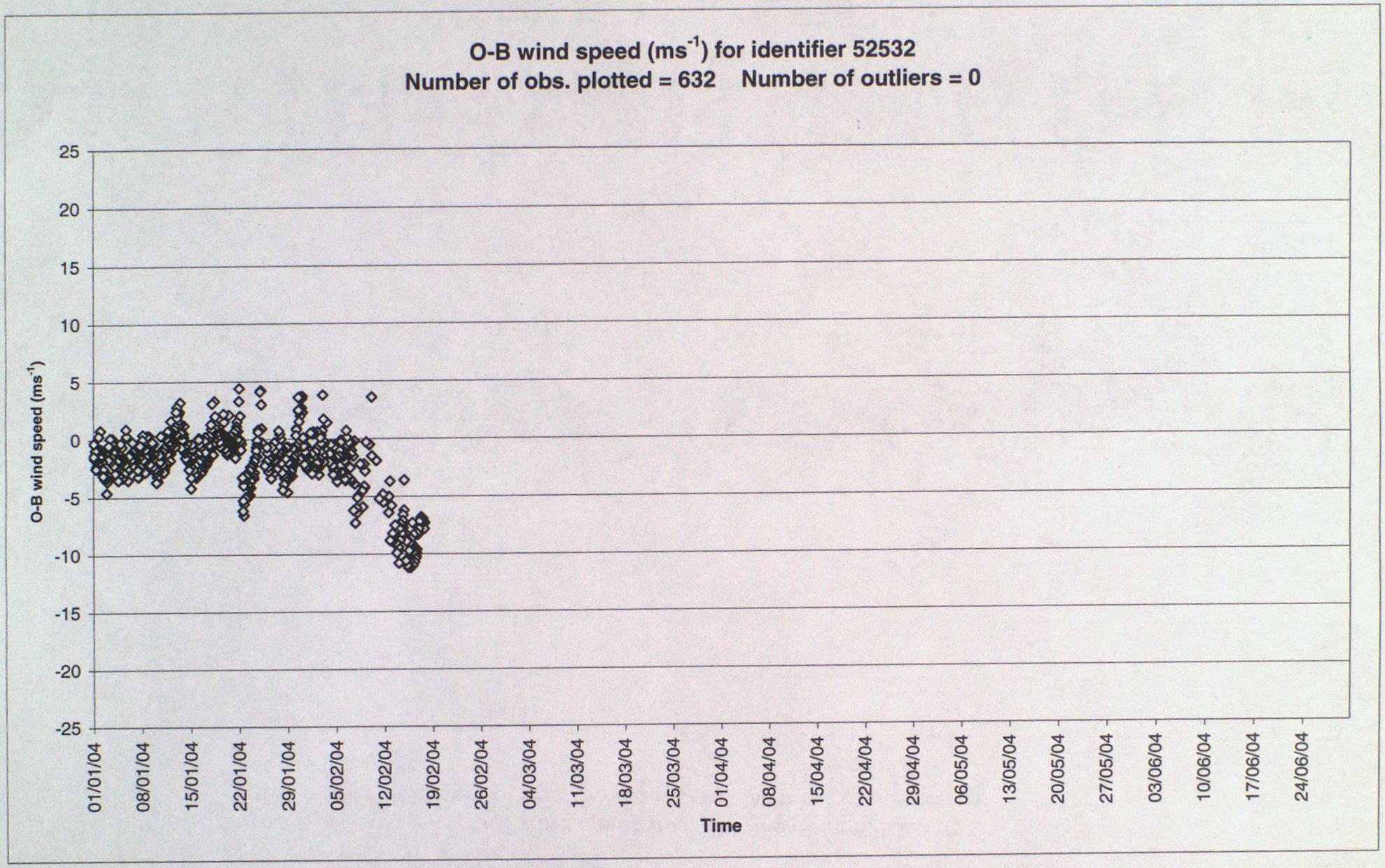

O-B wind speed (ms-1) for identifier 52518
Number of obs. plotted = 2535 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

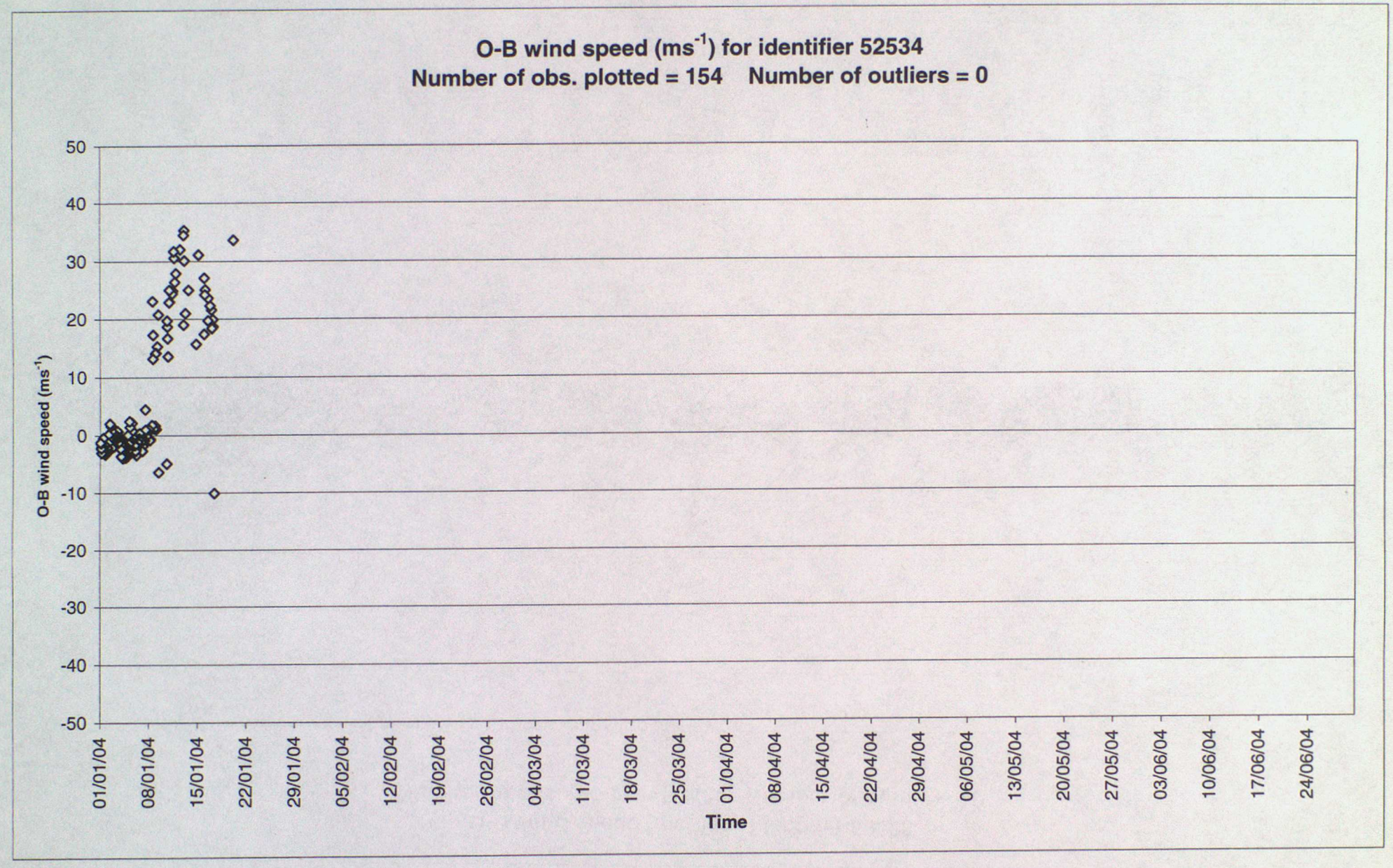

O-B wind speed (ms-1) for identifier 52519
Number of obs. plotted = 825 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

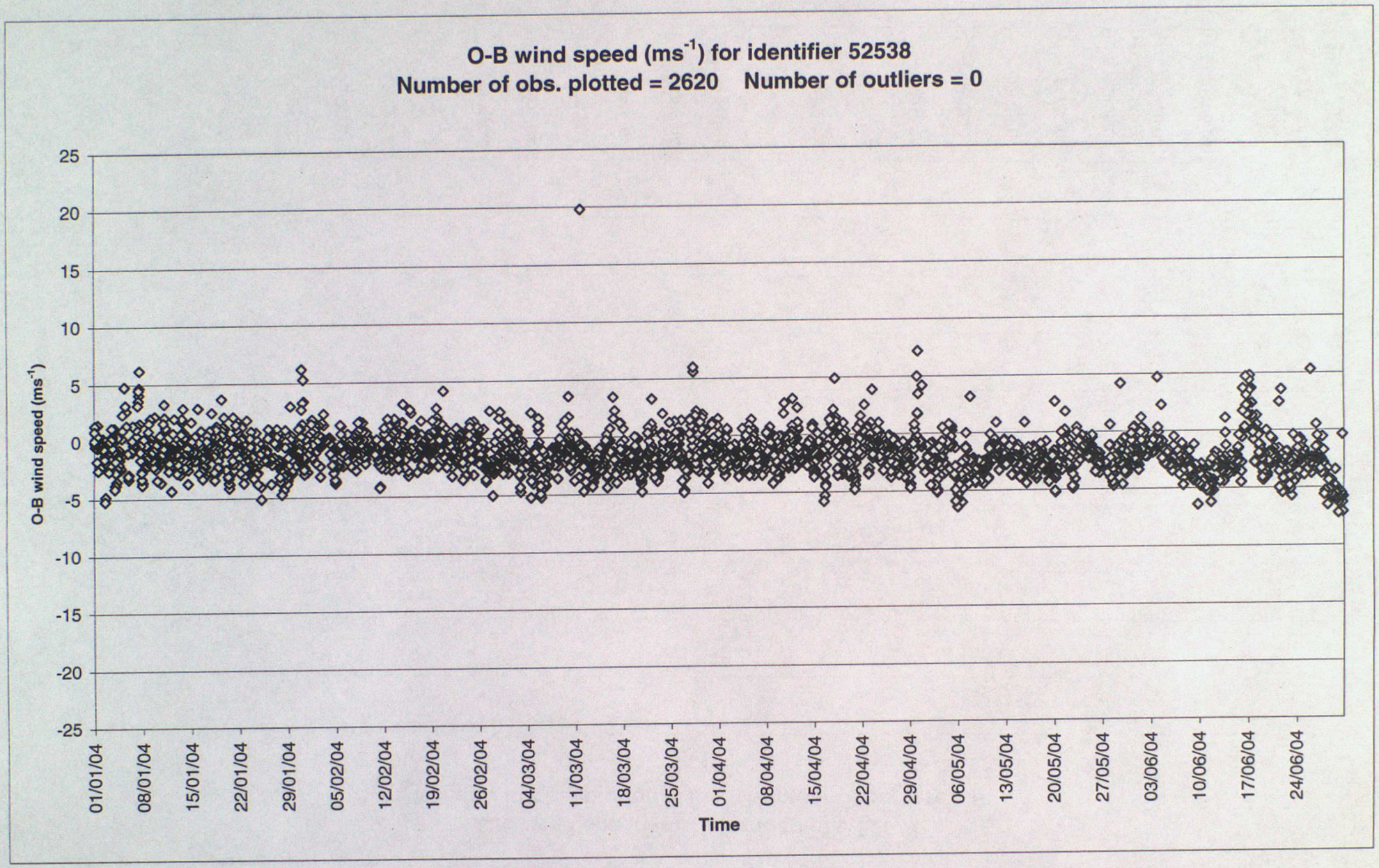

O-B wind speed (ms-1) for identifier 52523
Number of obs. plotted = 2677 Number of outliers = 7
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

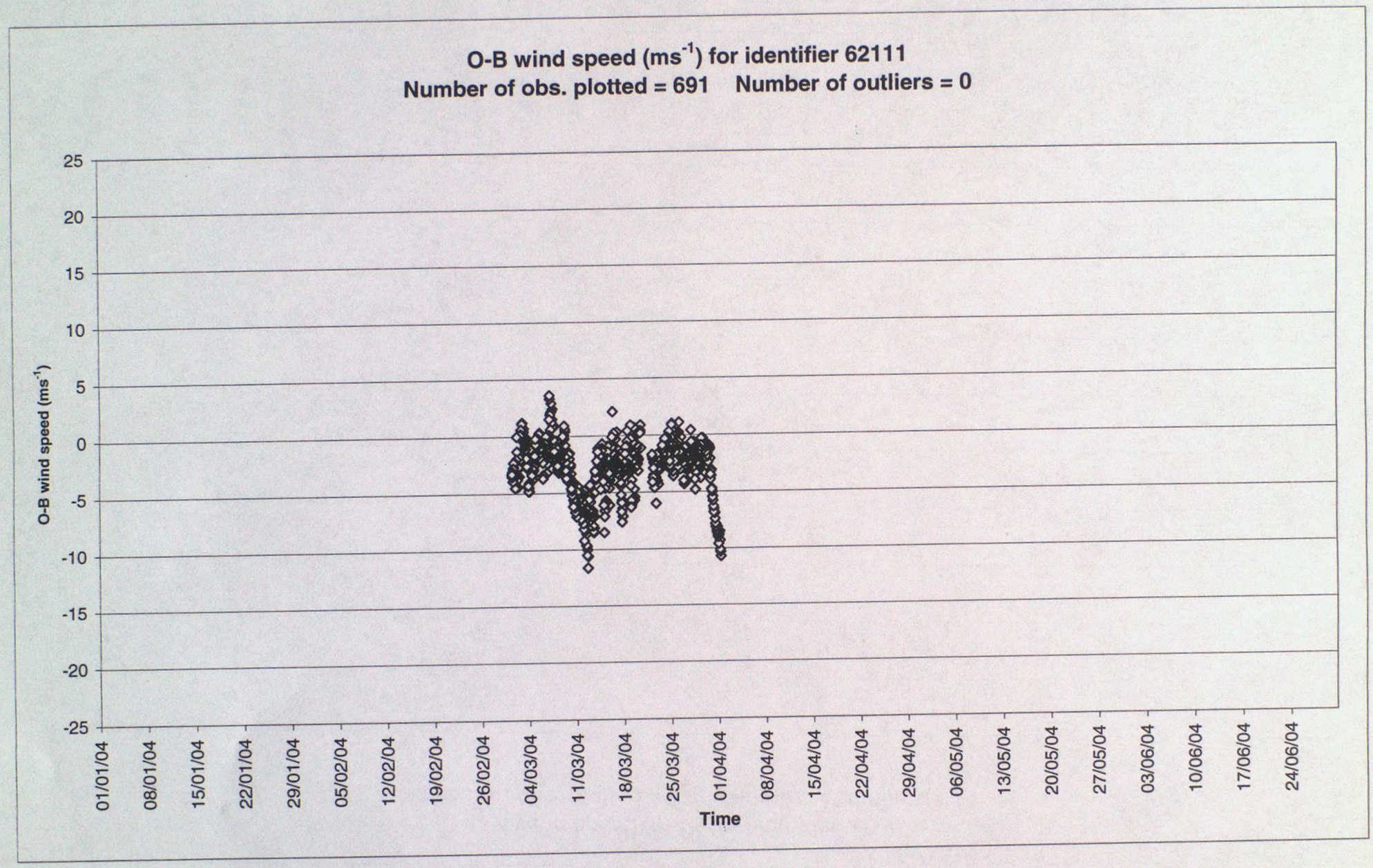

O-B wind speed (ms-1) for identifier 52526
Number of obs. plotted = 879 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

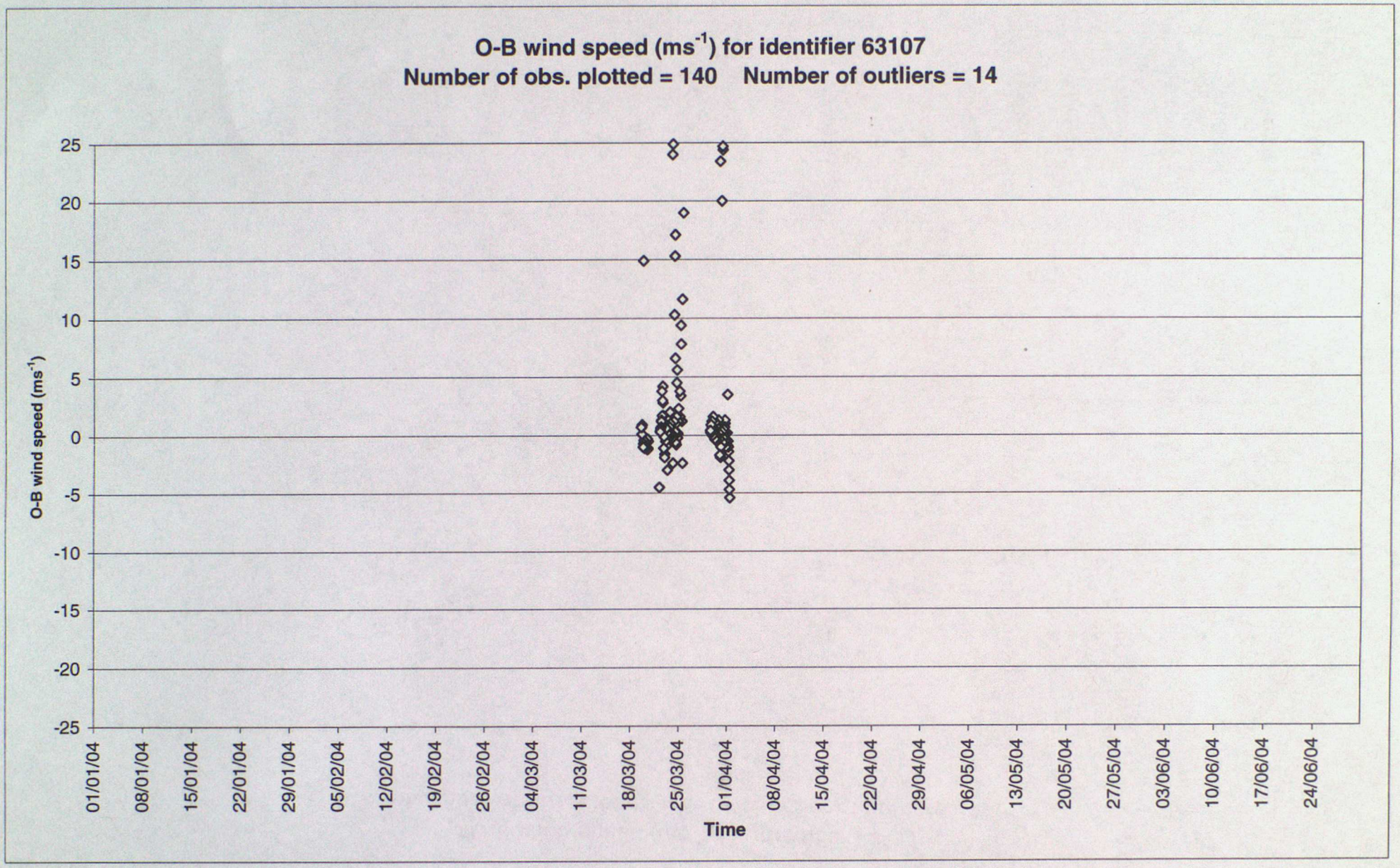
O-B wind speed (ms-1) for identifier 52530
Number of obs. plotted = 2739 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier 52532
Number of obs. plotted = 632 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

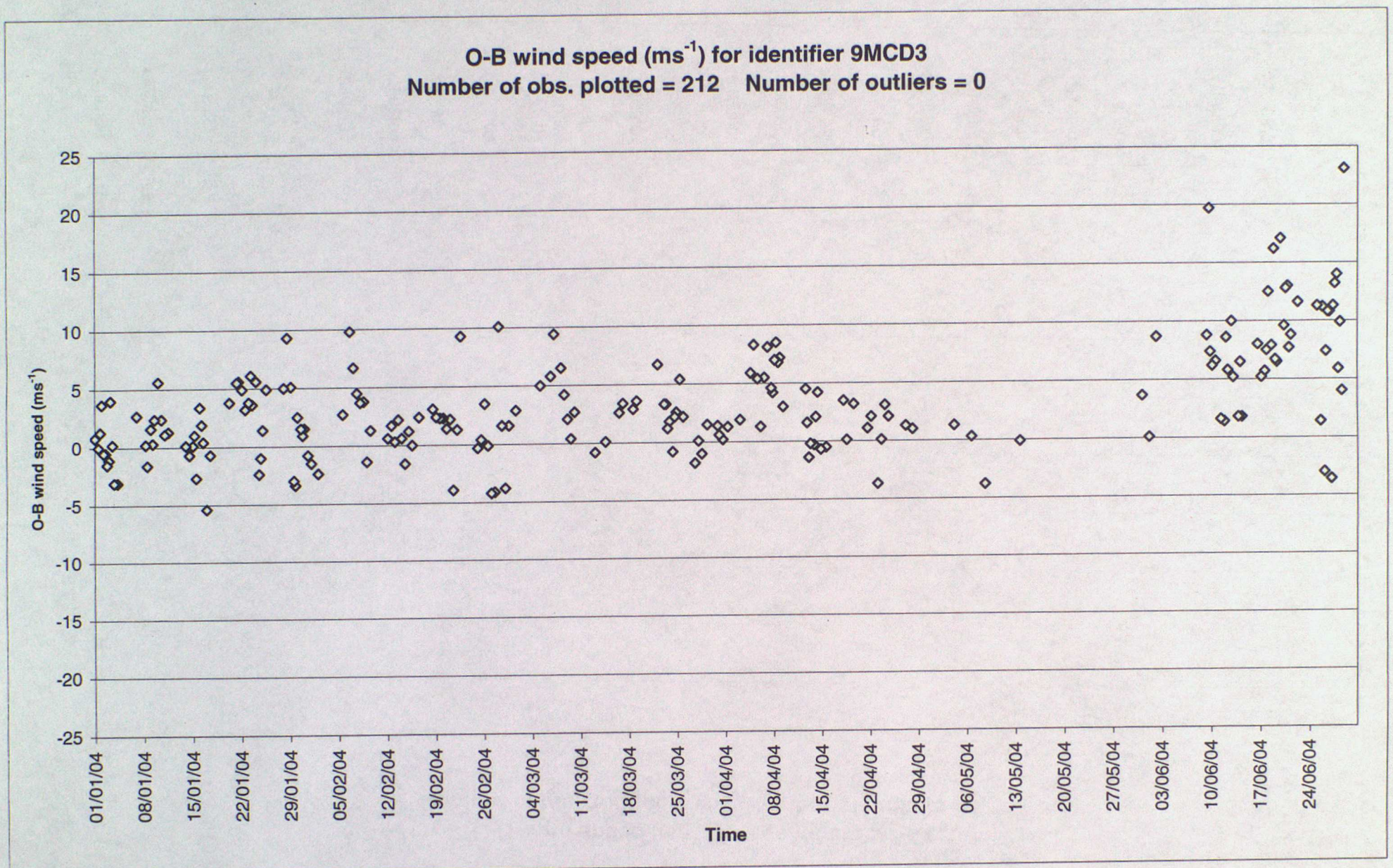

O-B wind speed (ms-1) for identifier 52534
Number of obs. plotted = 154 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

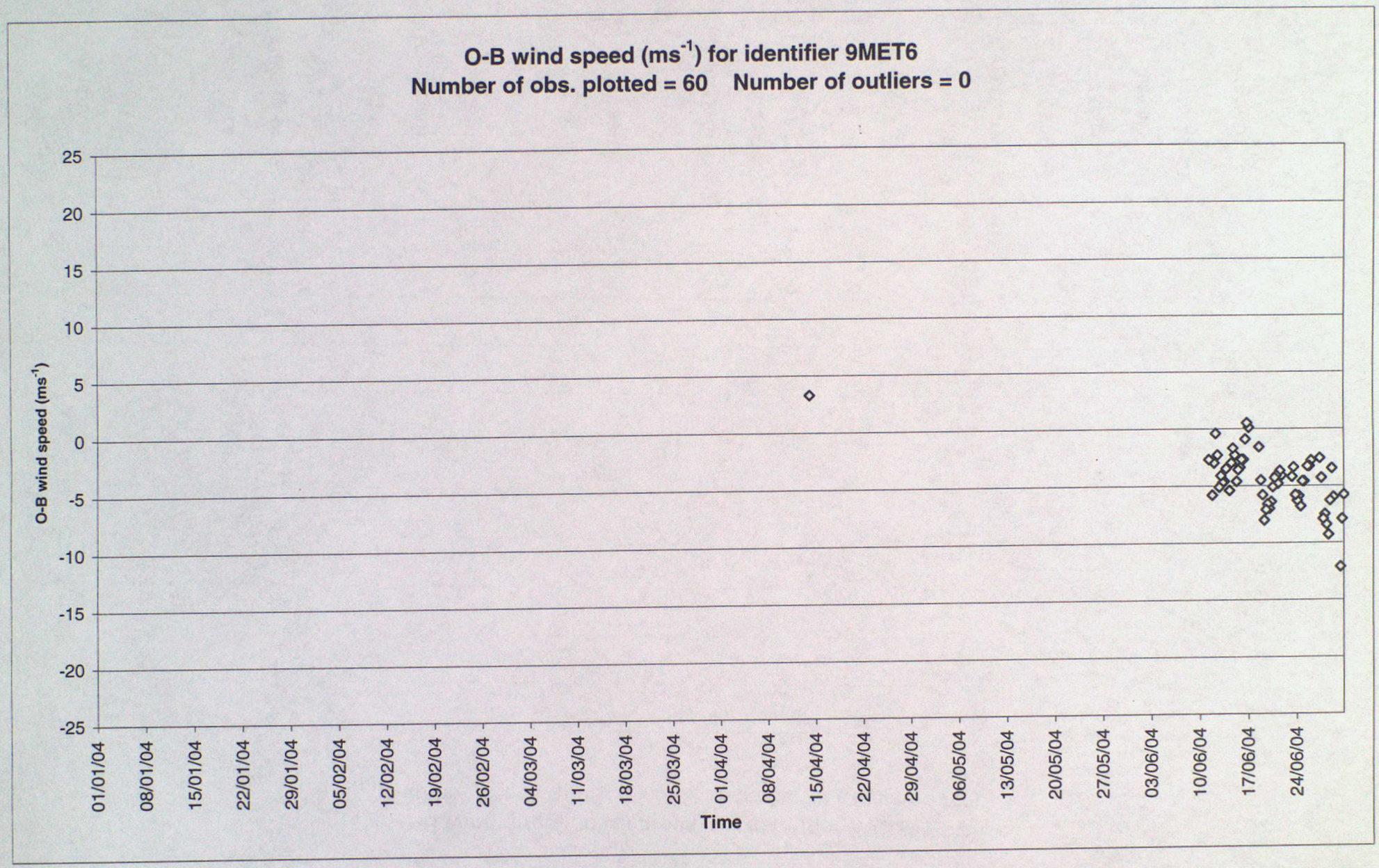

O-B wind speed (ms-1) for identifier 52538
Number of obs. plotted = 2620 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

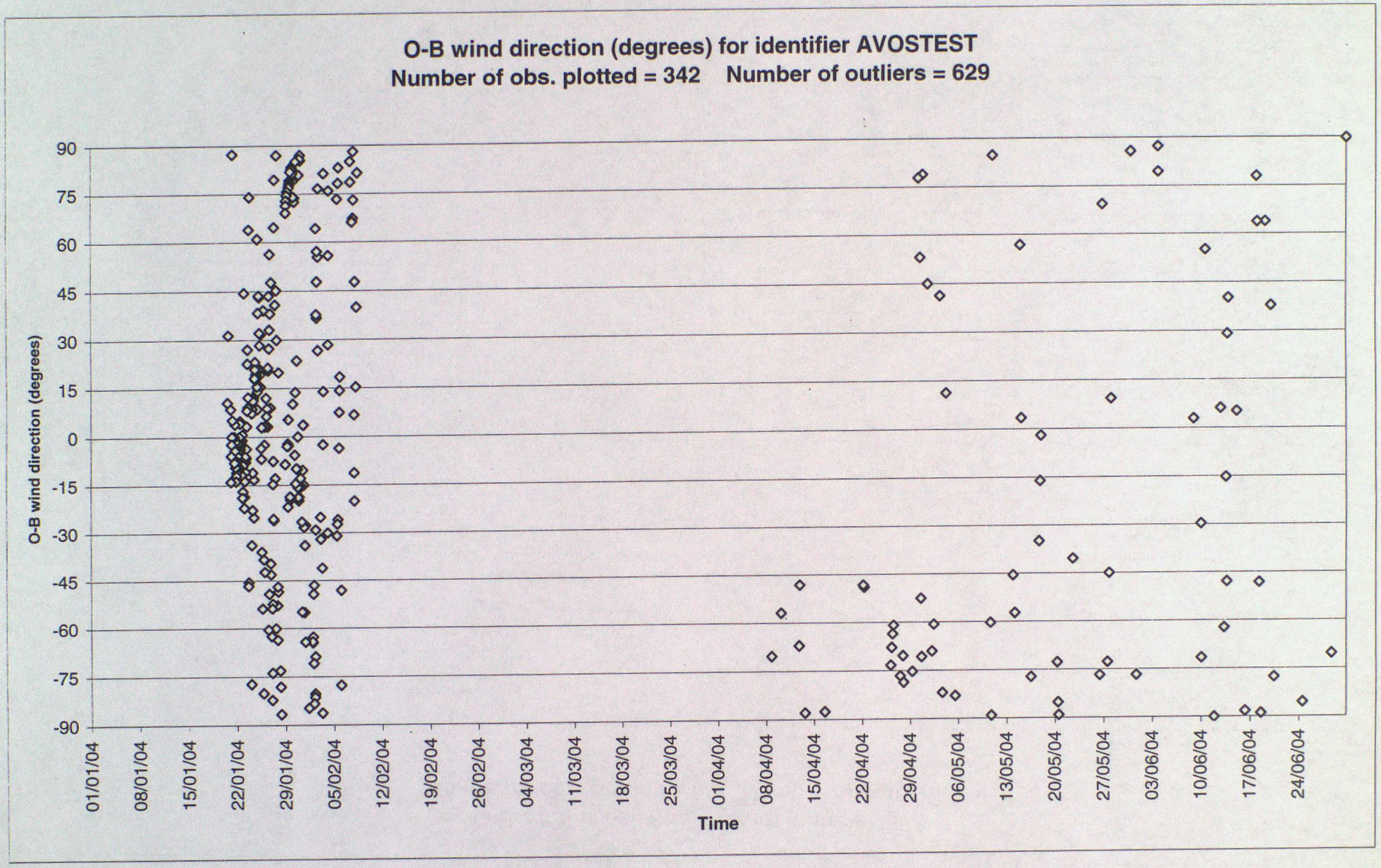

O-B wind speed (ms-1) for identifier 62111
Number of obs. plotted = 691 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind speed (ms-1) for identifier 63107
Number of obs. plotted = 140 Number of outliers = 14
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

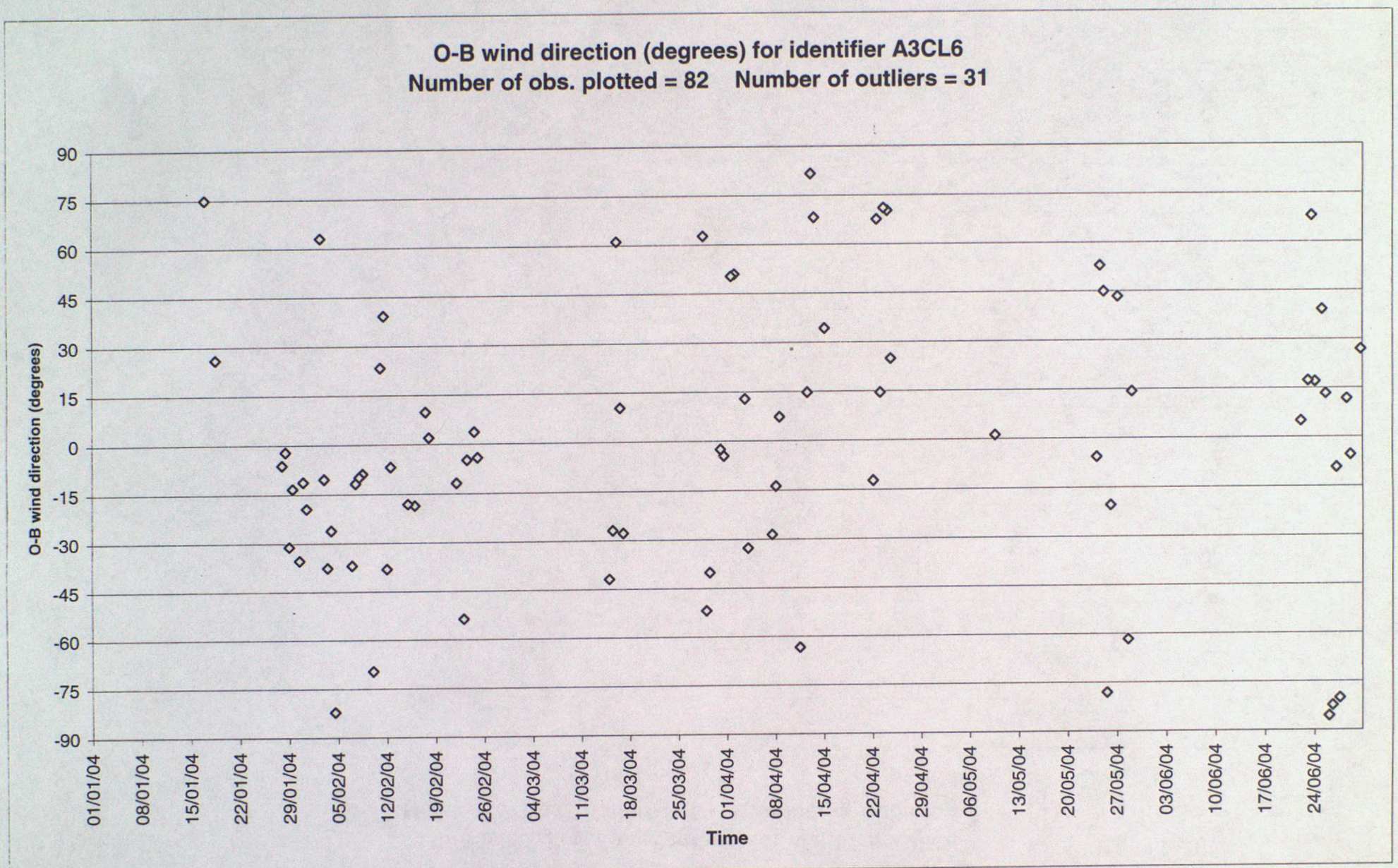
O-B wind speed (ms-1) for identifier 9MBK8
Number of obs. plotted = 65 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

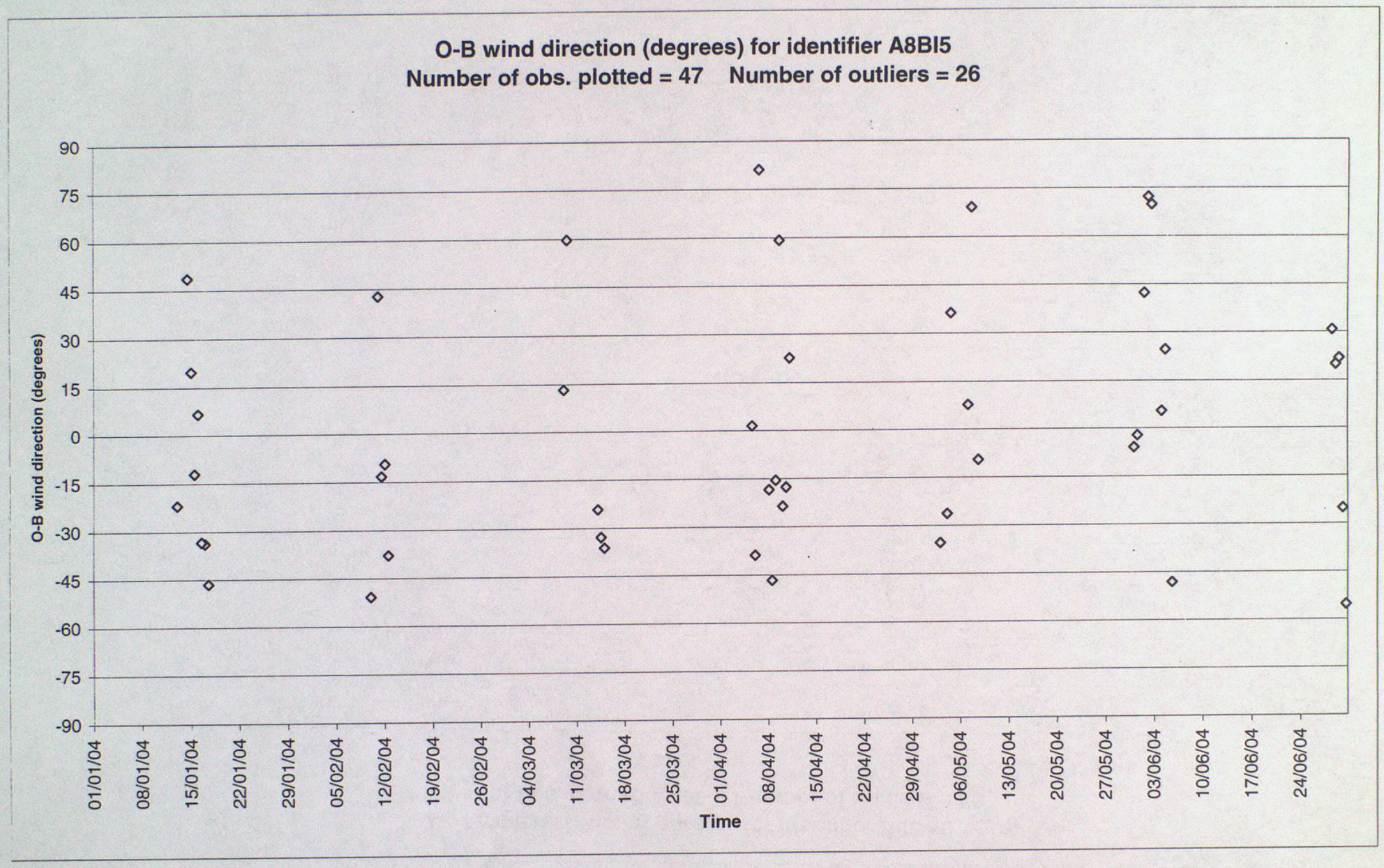

O-B wind speed (ms-1) for identifier 9MCD3
Number of obs. plotted = 212 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

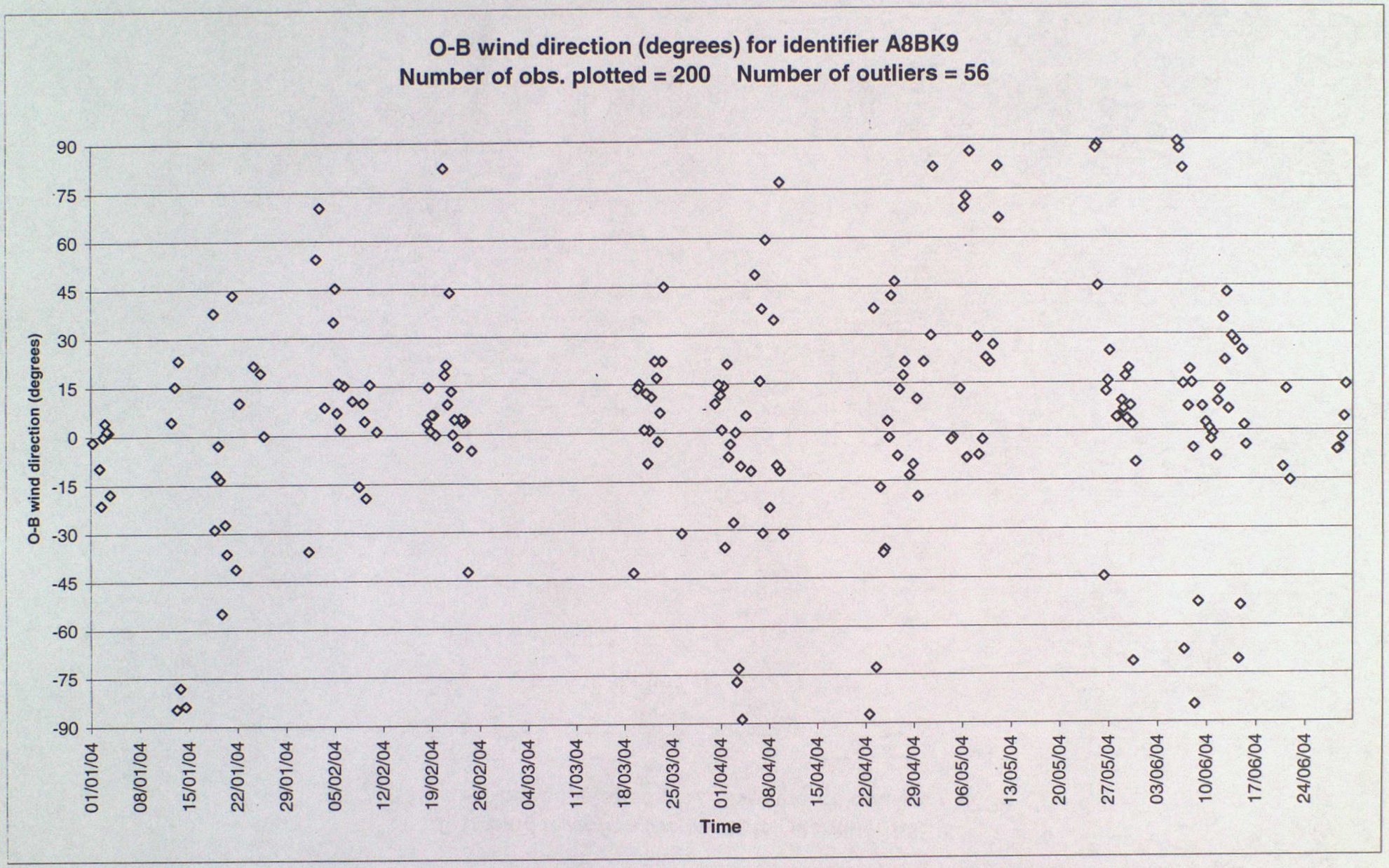

O-B wind speed (ms-1) for identifier 9MET6
Number of obs. plotted = 60 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

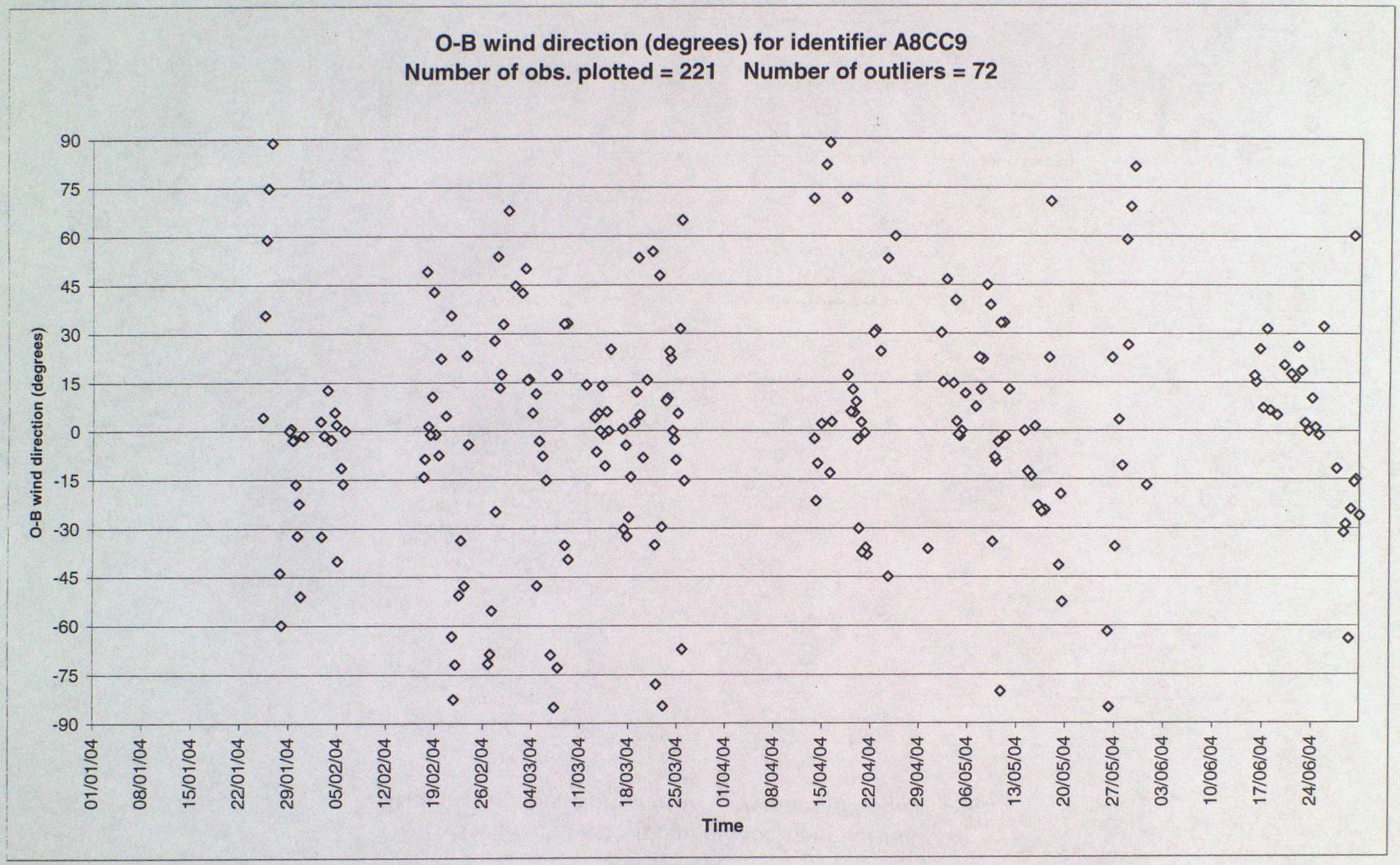

O-B wind direction (degrees) for identifier AVOSTEST
Number of obs. plotted = 342 Number of outliers = 629
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

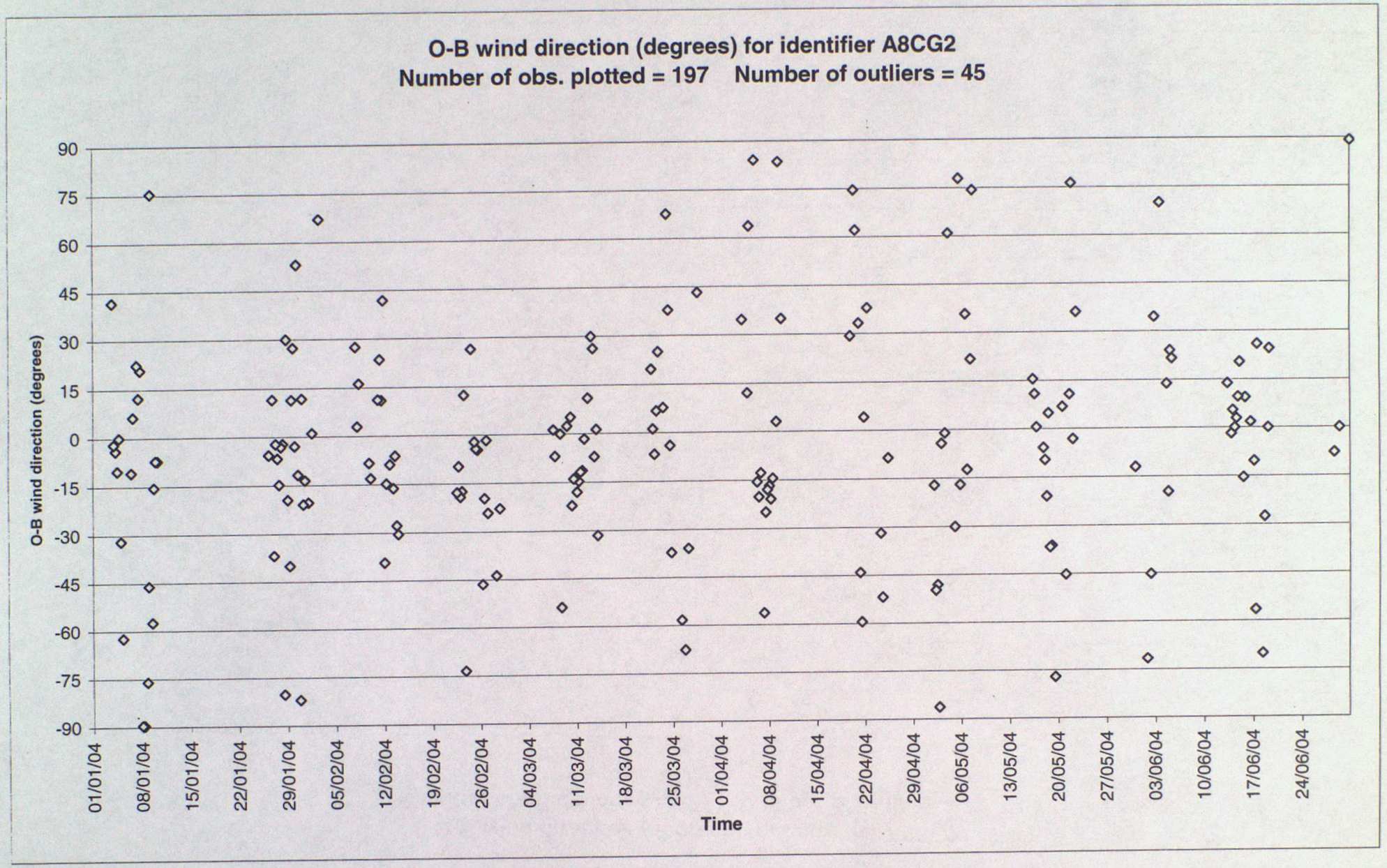
O-B wind direction (degrees) for identifier A3BN5
Number of obs. plotted = 104 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

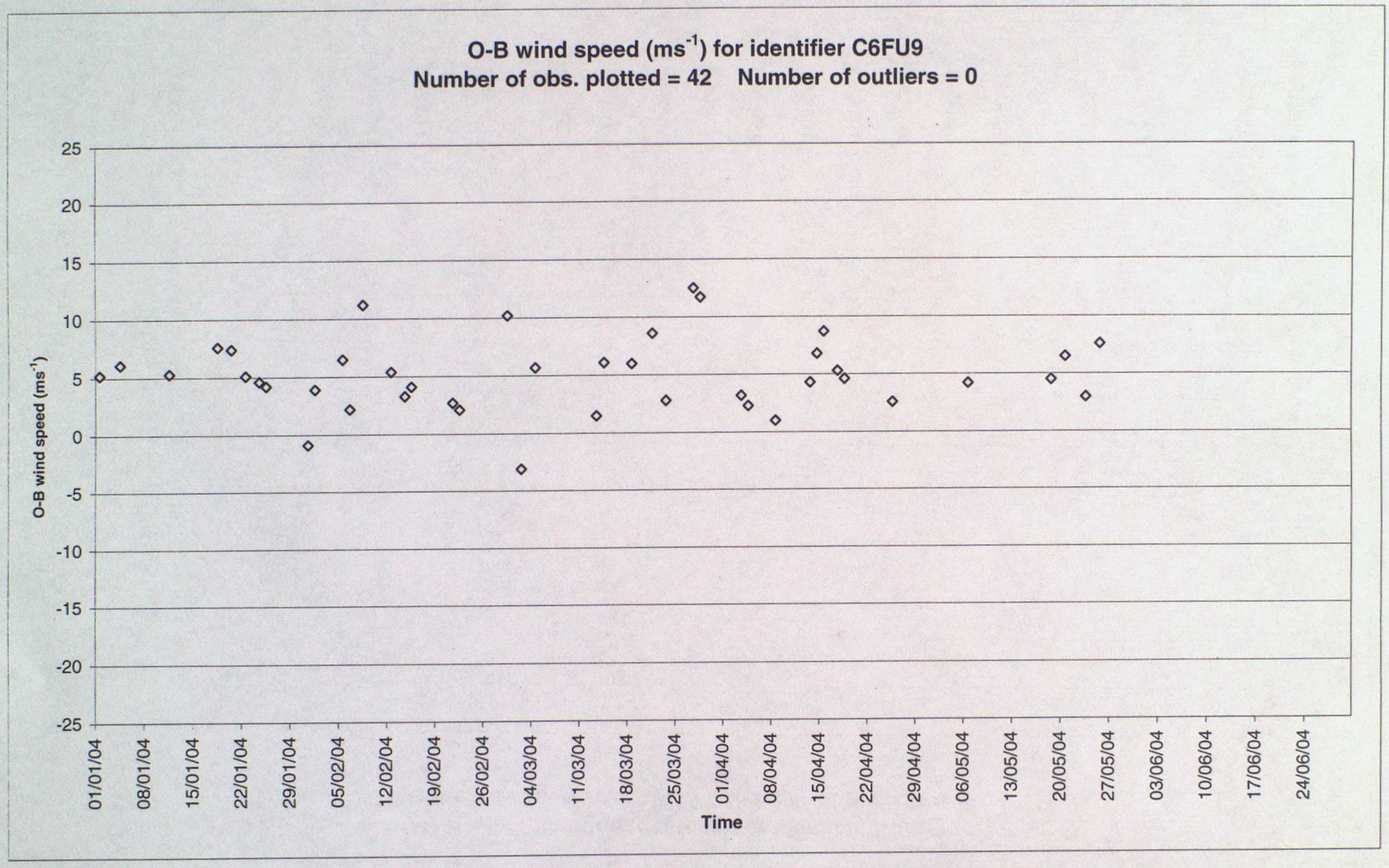

O-B wind direction (degrees) for identifier A3CL6
Number of obs. plotted = 82 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

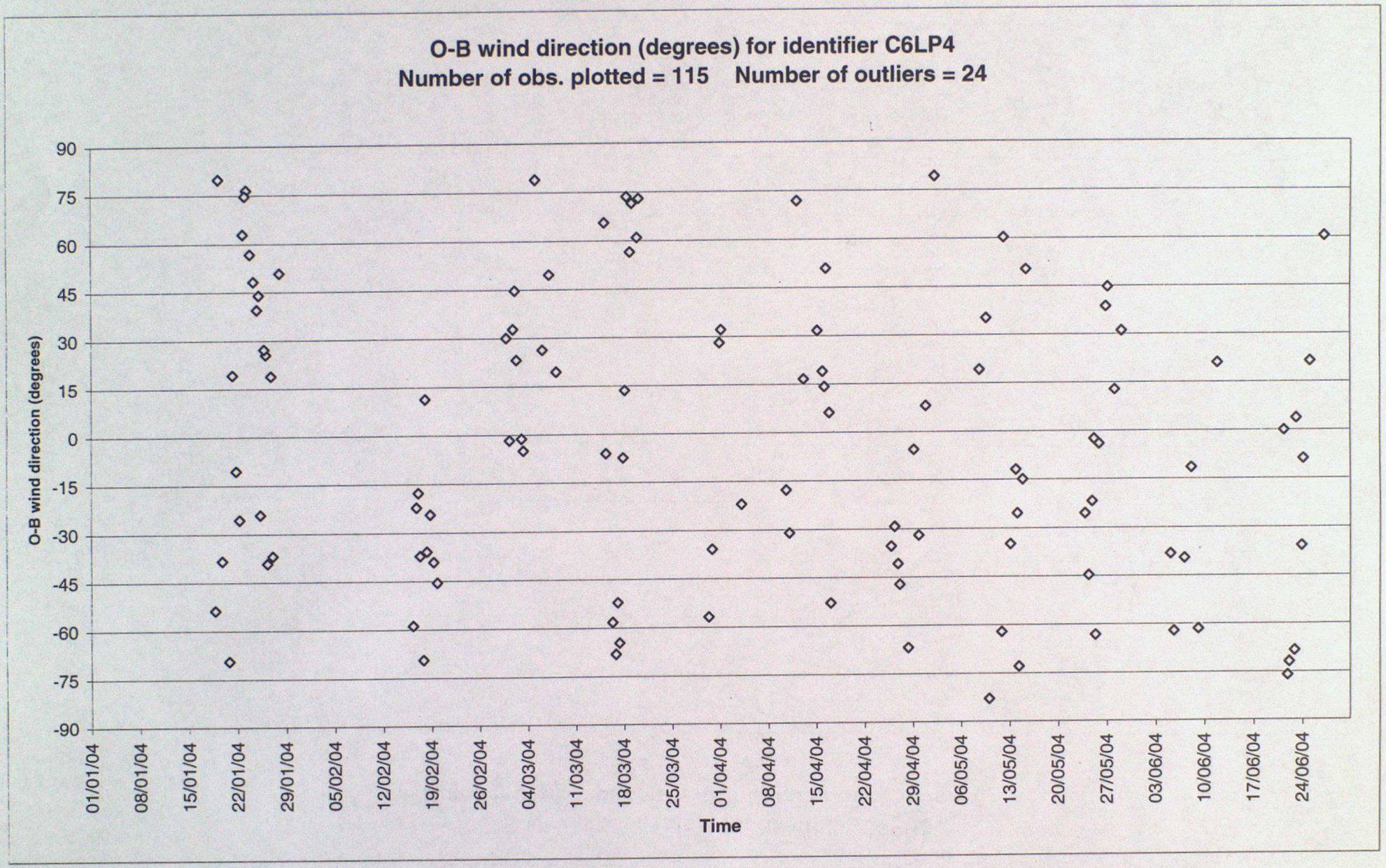

O-B wind direction (degrees) for identifier A8BI5
Number of obs. plotted = 47 Number of outliers = 26
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

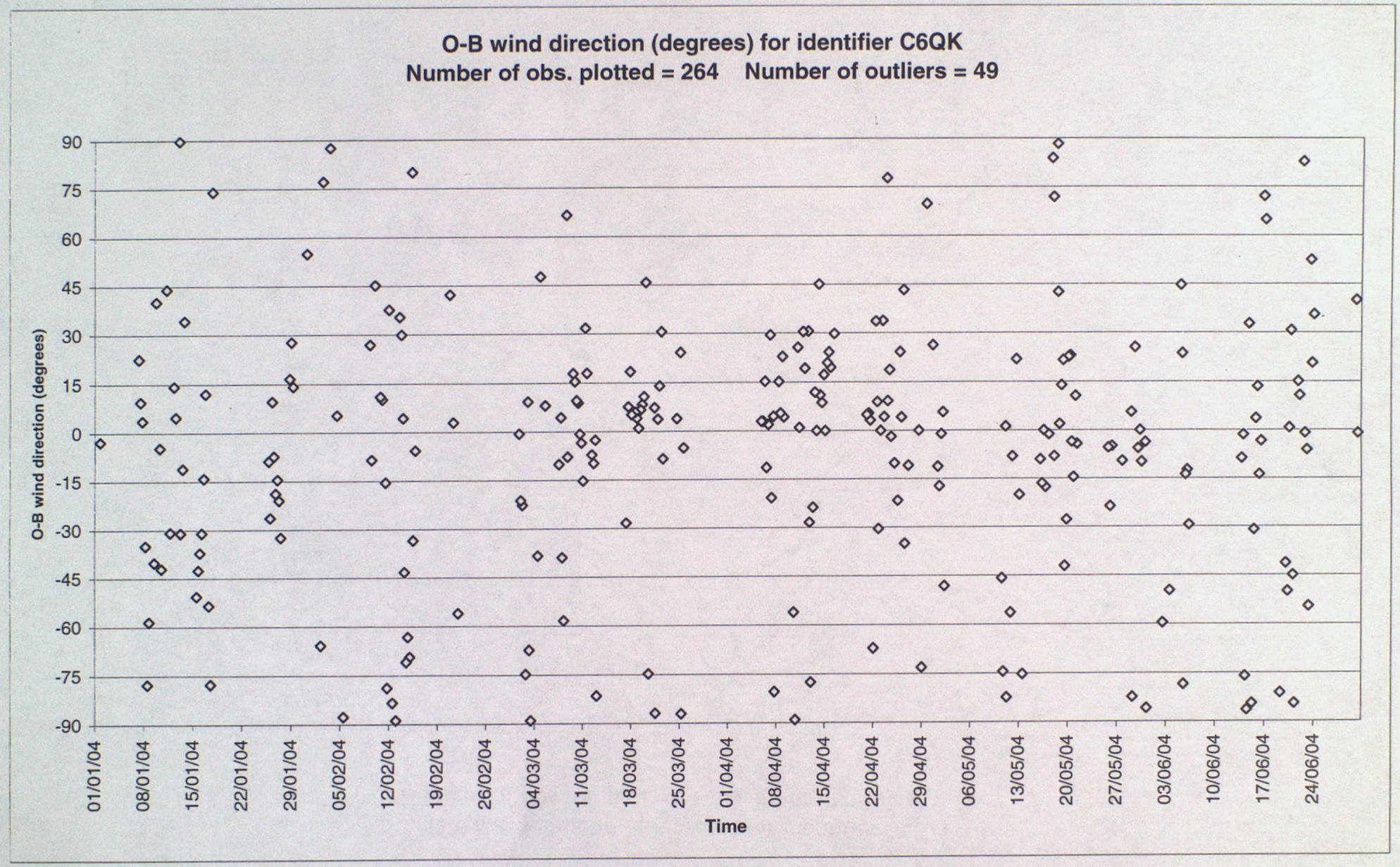

O-B wind direction (degrees) for identifier A8BK9
Number of obs. plotted = 200 Number of outliers = 56
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

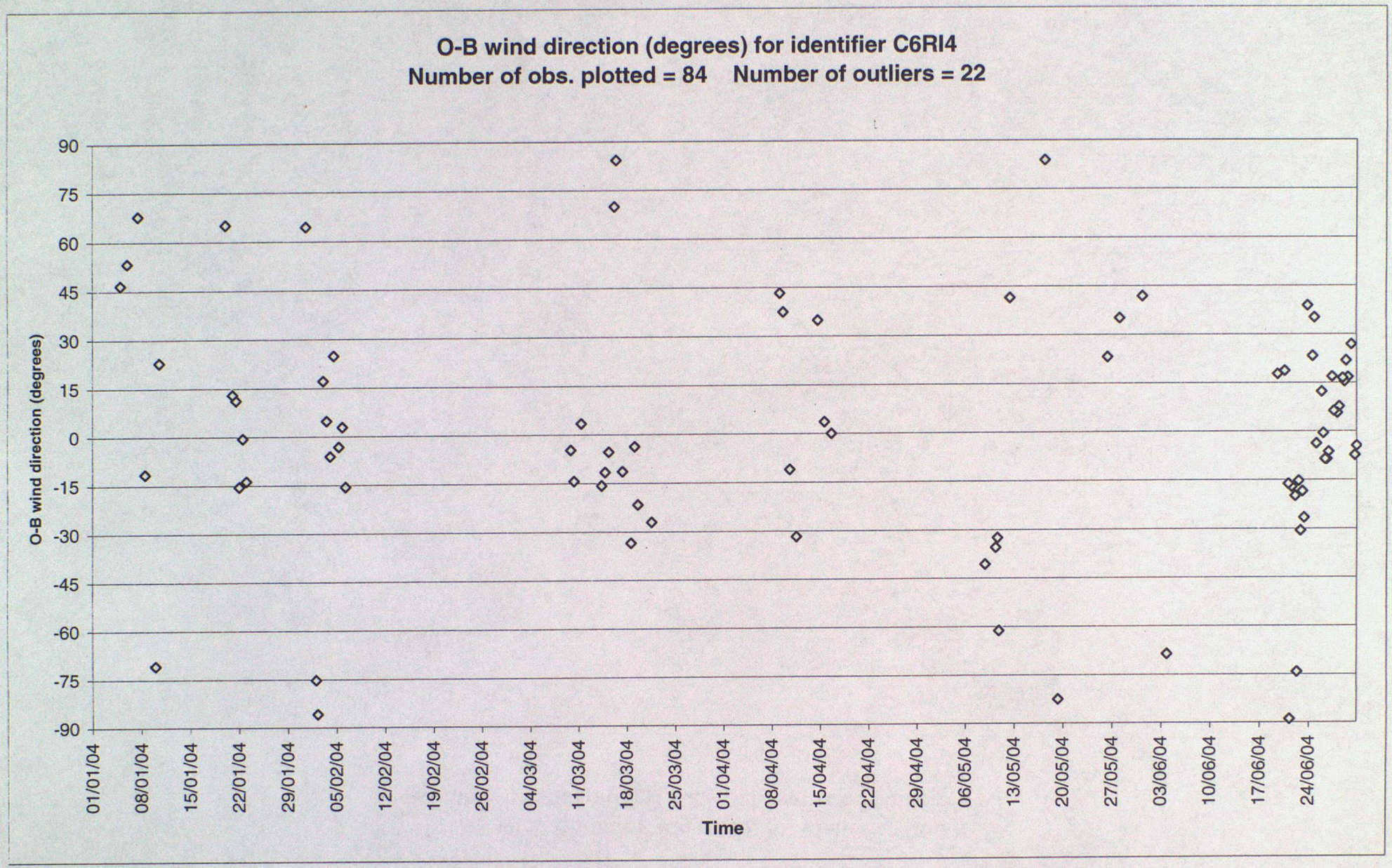

O-B wind direction (degrees) for identifier A8CC9
Number of obs. plotted = 221 Number of outliers = 72
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier A8CG2
Number of obs. plotted = 197 Number of outliers = 45
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

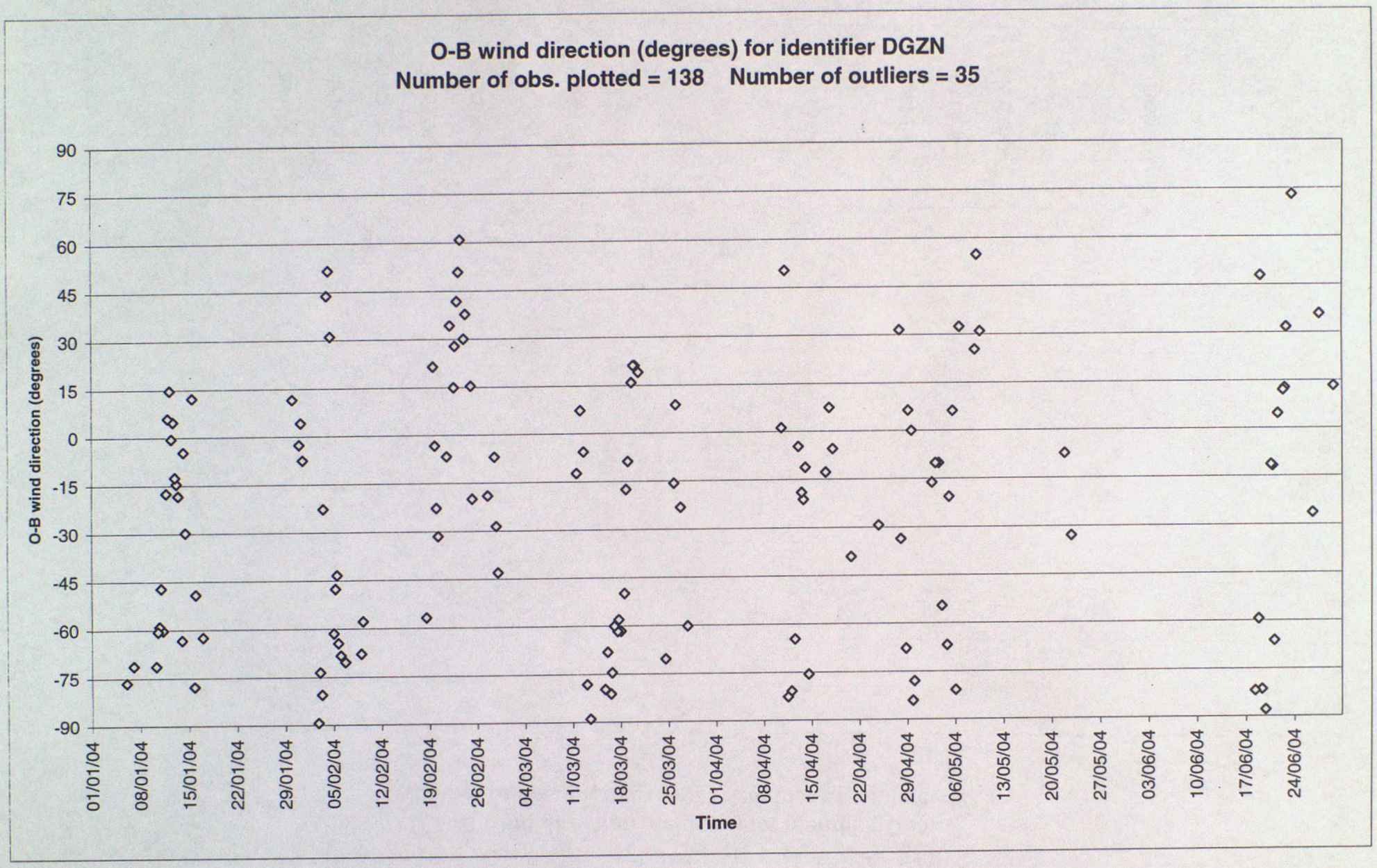

O-B wind speed (ms-1) for identifier C6FU9
Number of obs. plotted = 42 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

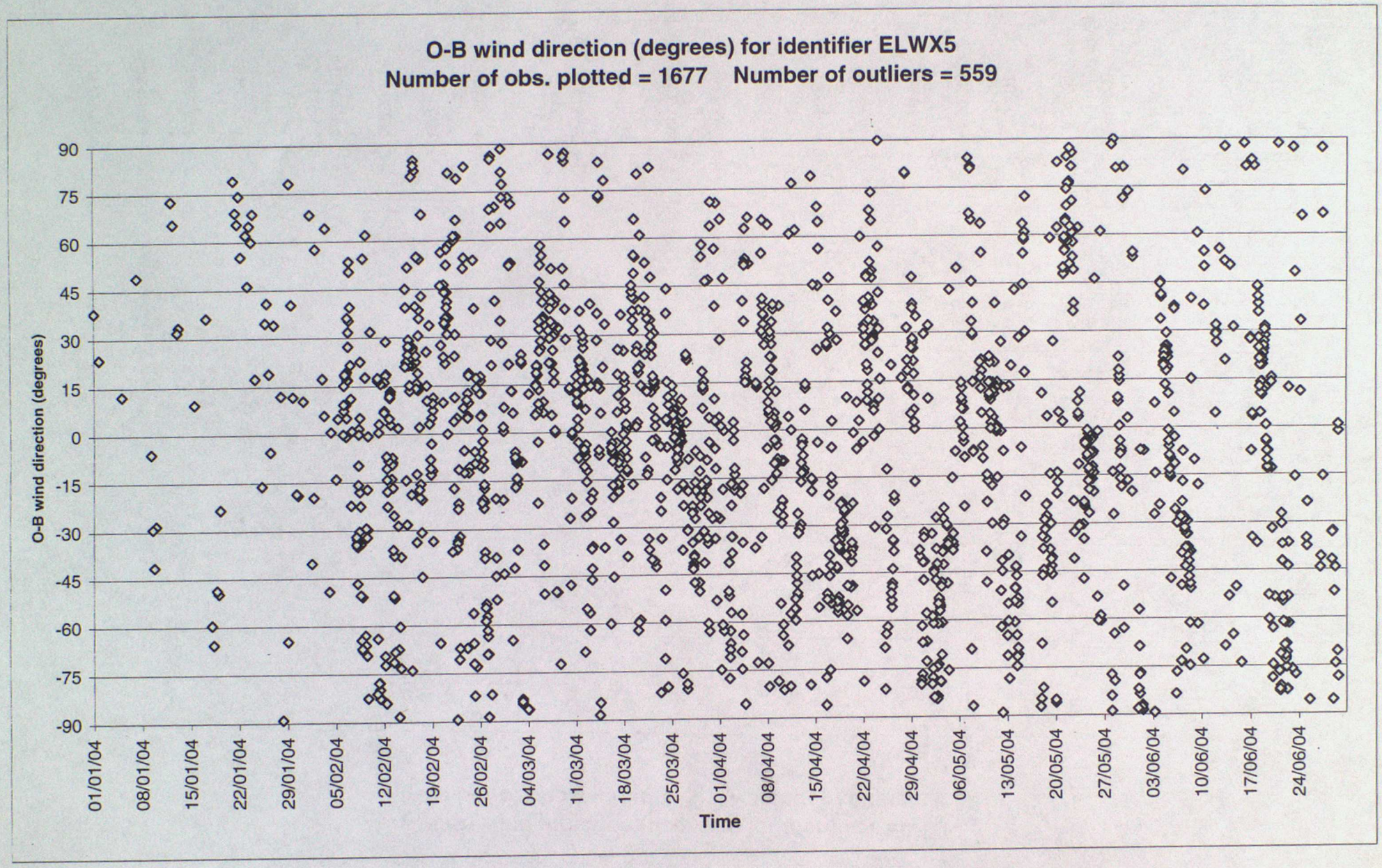

O-B wind direction (degrees) for identifier C6LP4
Number of obs. plotted = 115 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

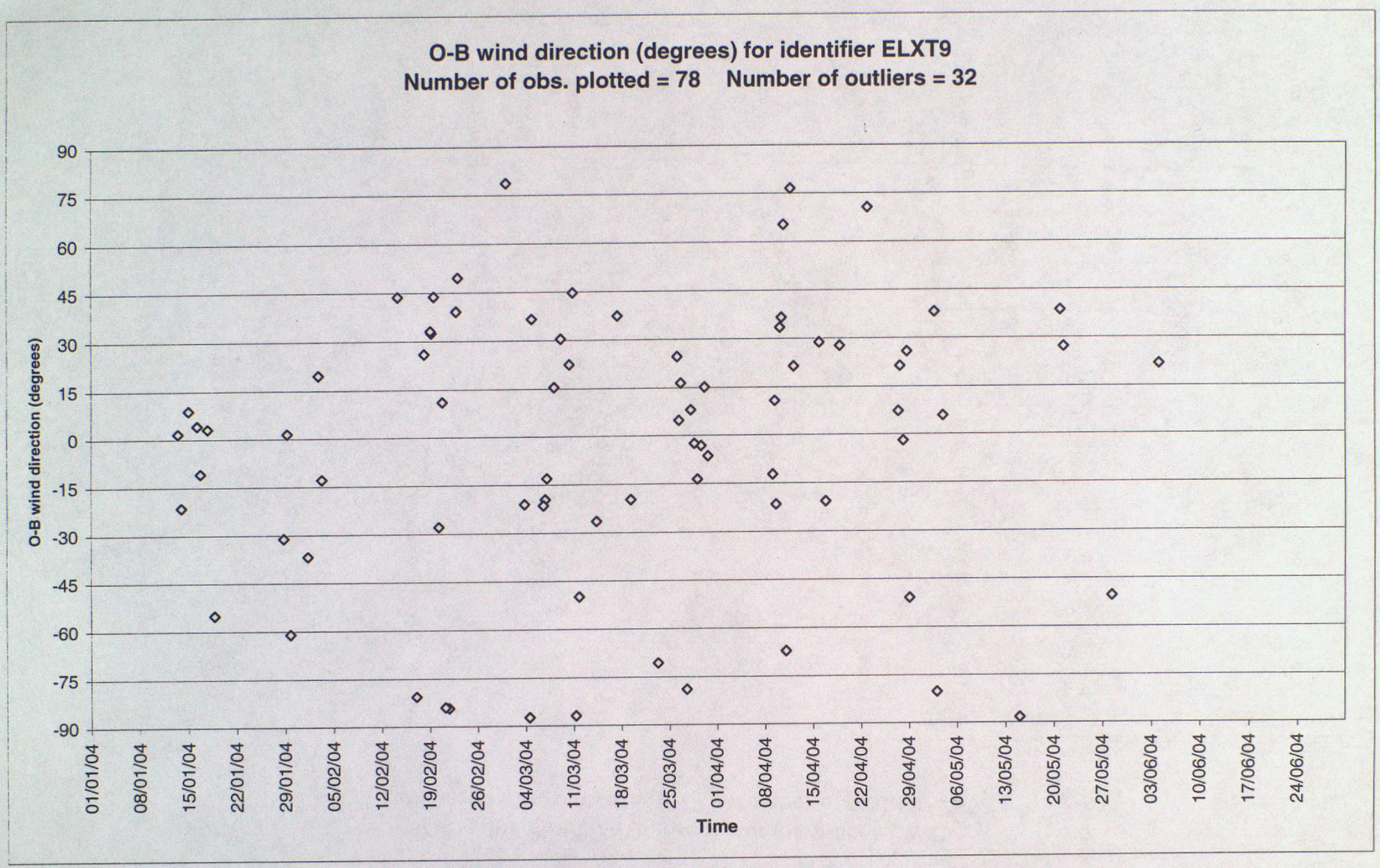

O-B wind direction (degrees) for identifier C6QK
Number of obs. plotted = 264 Number of outliers = 49
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

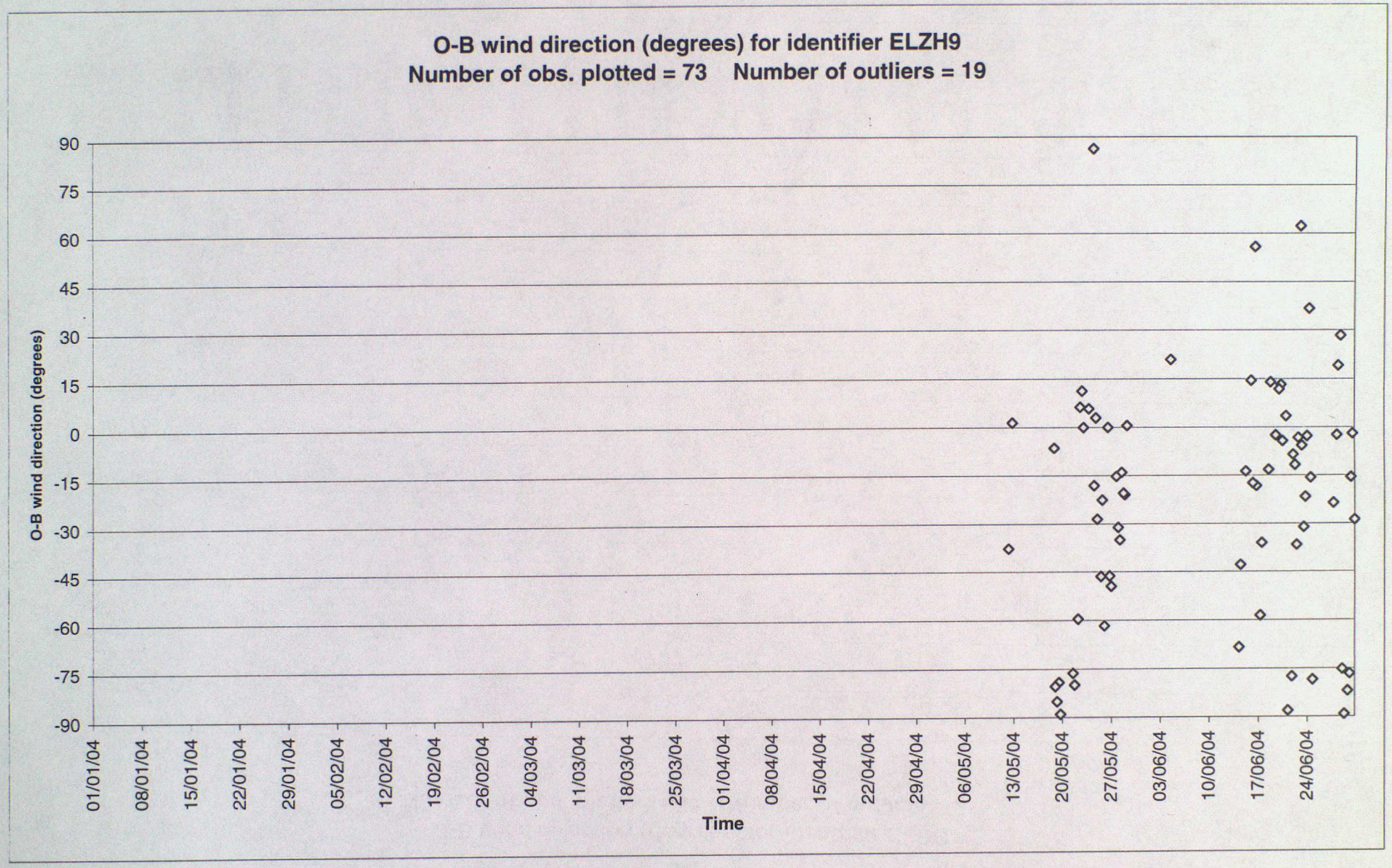

O-B wind direction (degrees) for identifier C6RI4
Number of obs. plotted = 84 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

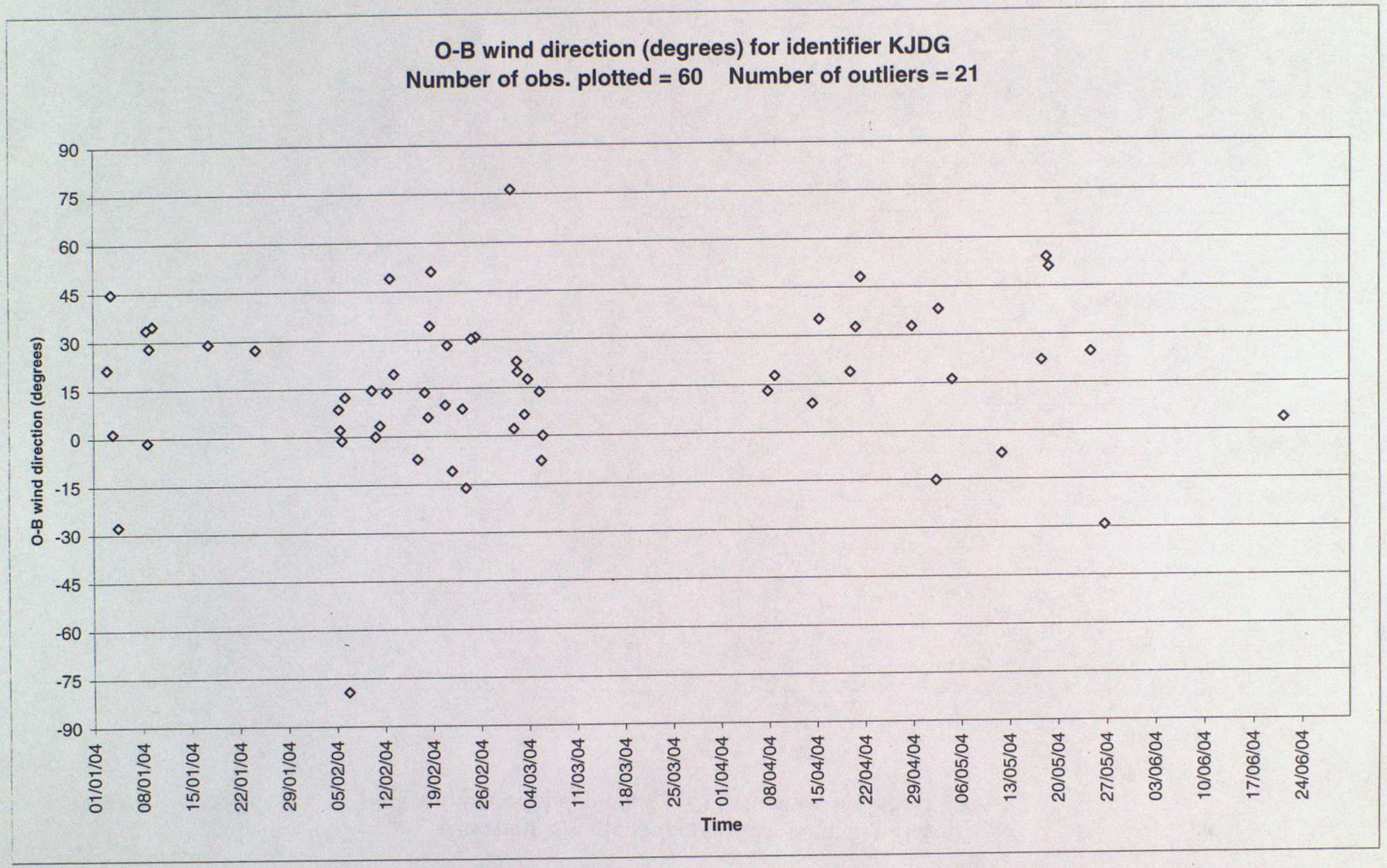
O-B wind direction (degrees) for identifier DEJL
Number of obs. plotted = 143 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

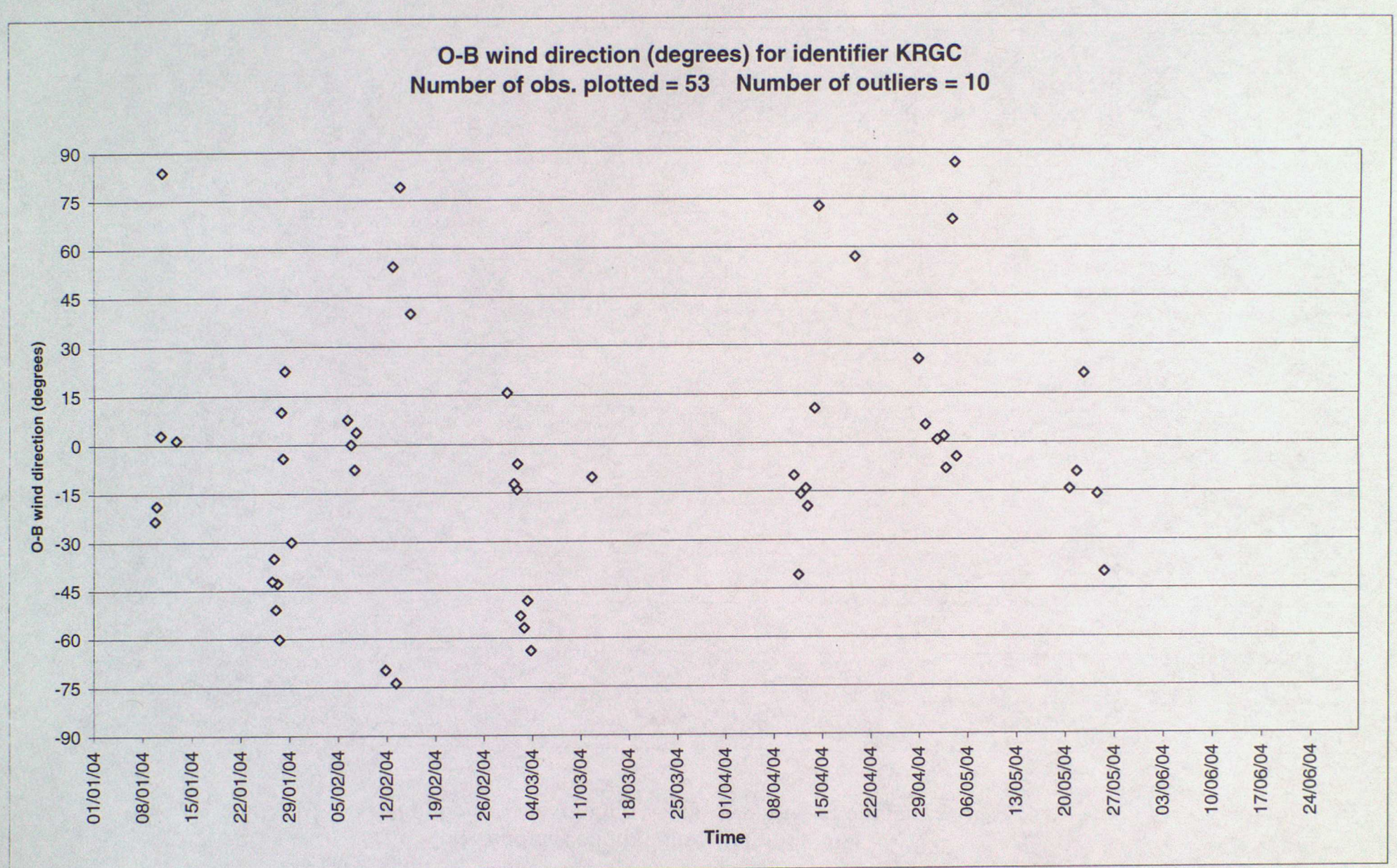

O-B wind direction (degrees) for identifier DGZN
Number of obs. plotted = 138 Number of outliers = 35
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

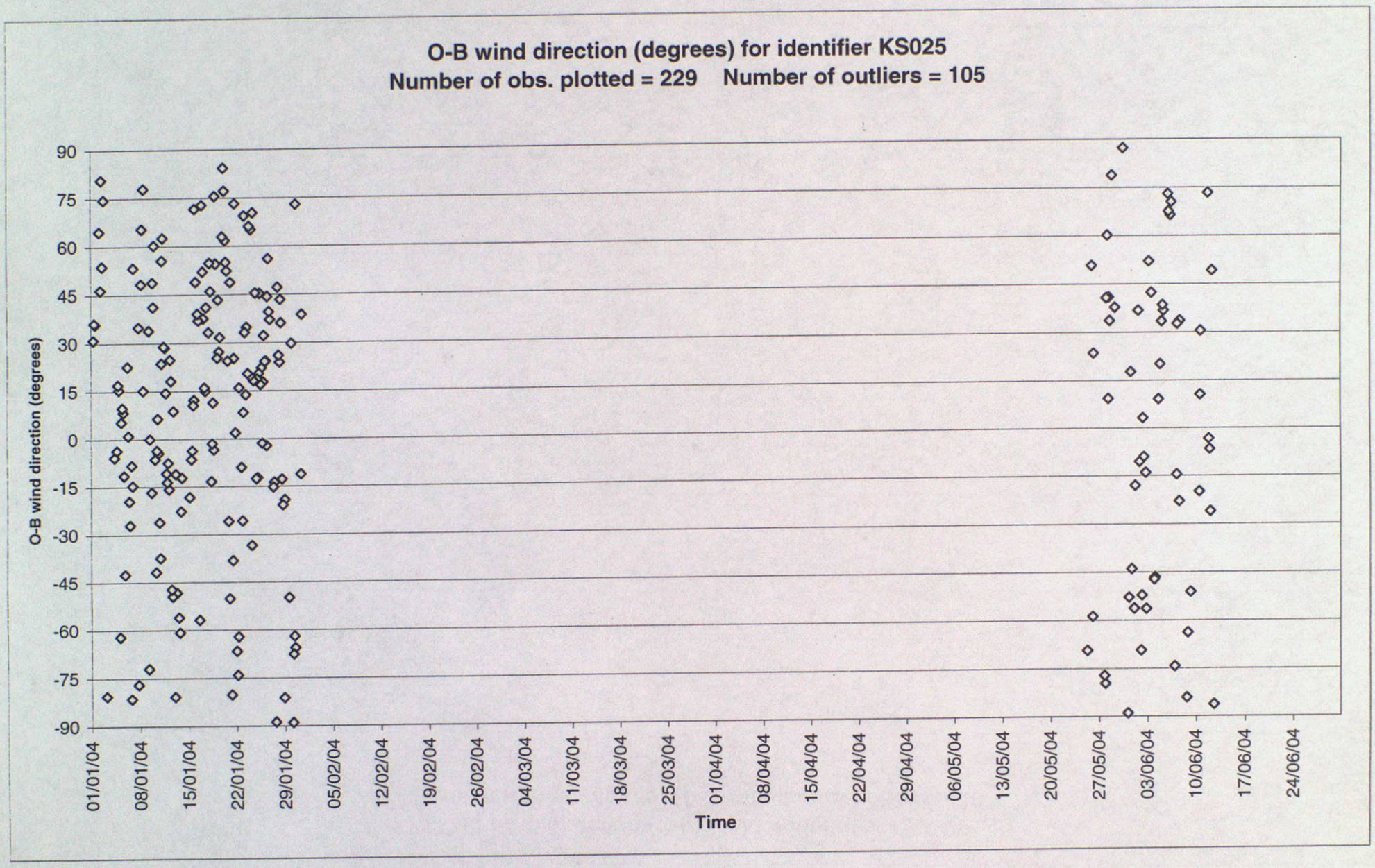

O-B wind direction (degrees) for identifier ELWX5
Number of obs. plotted = 1677 Number of outliers = 559
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier ELXT9
Number of obs. plotted = 78 Number of outliers = 32
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

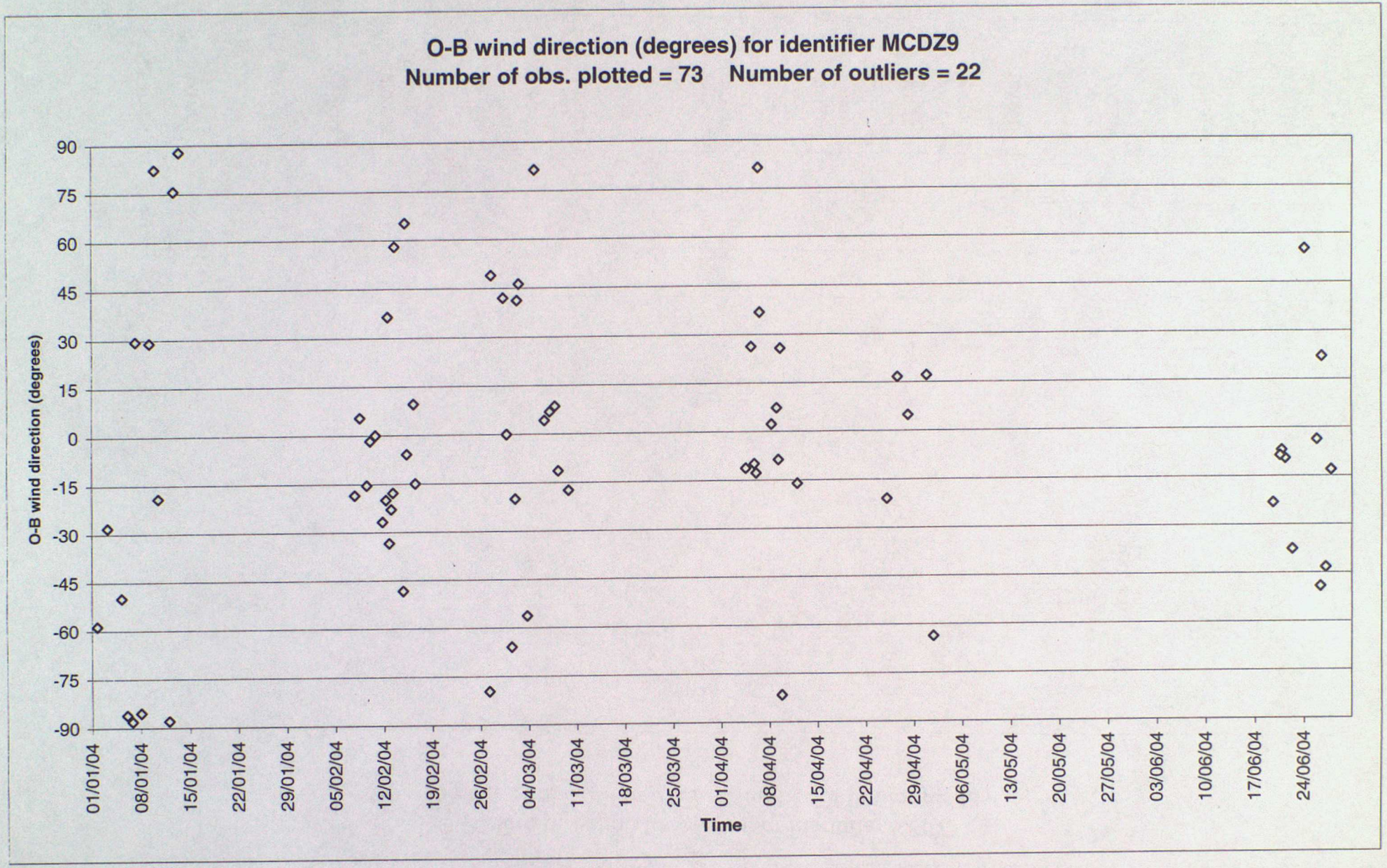

O-B wind direction (degrees) for identifier ELZH9
Number of obs. plotted = 73 Number of outliers = 19
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

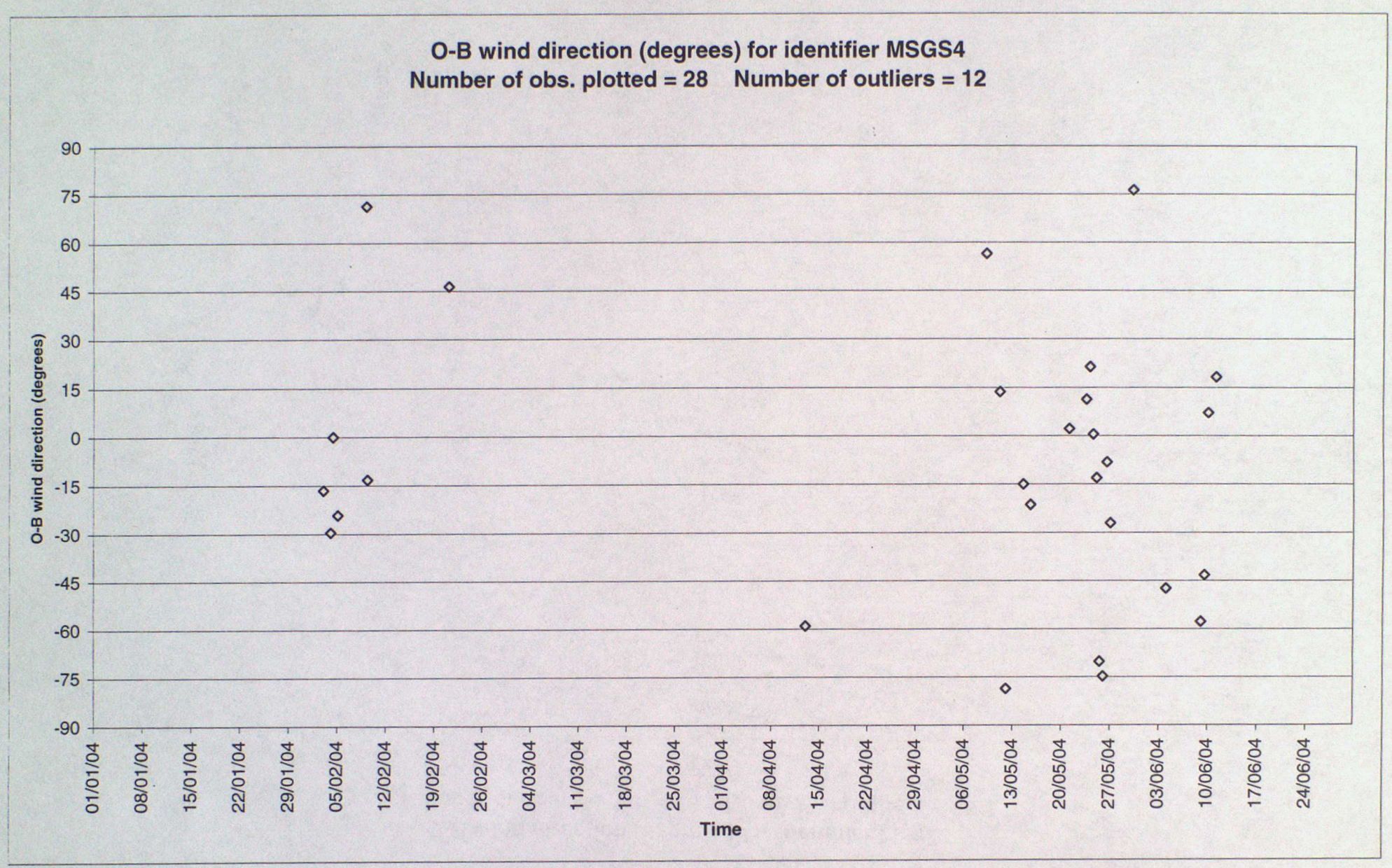

O-B wind direction (degrees) for identifier KJDG
Number of obs. plotted = 60 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier KRGC
Number of obs. plotted = 53 Number of outliers = 10
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

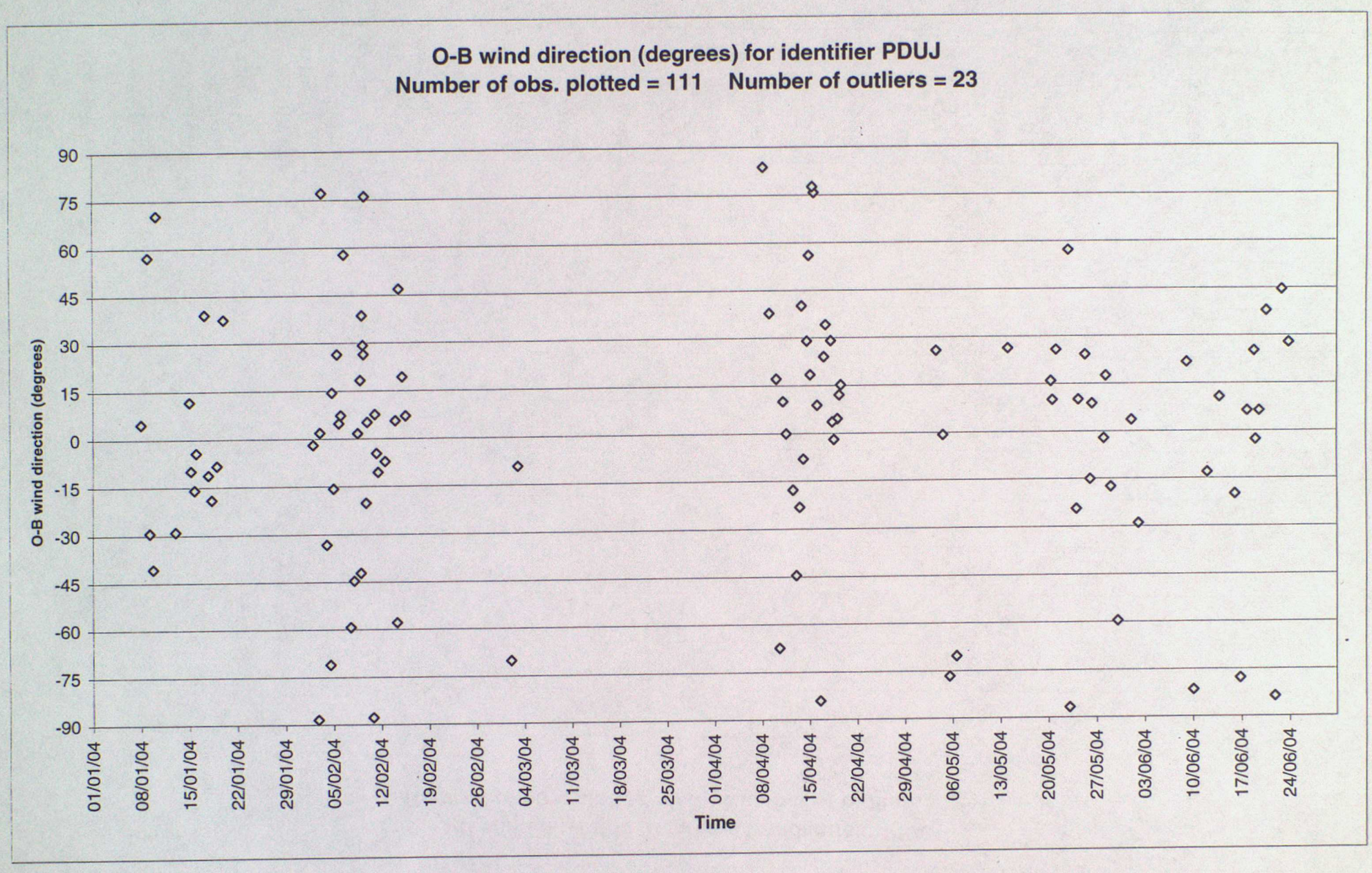

O-B wind direction (degrees) for identifier KS025
Number of obs. plotted = 229 Number of outliers = 105
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

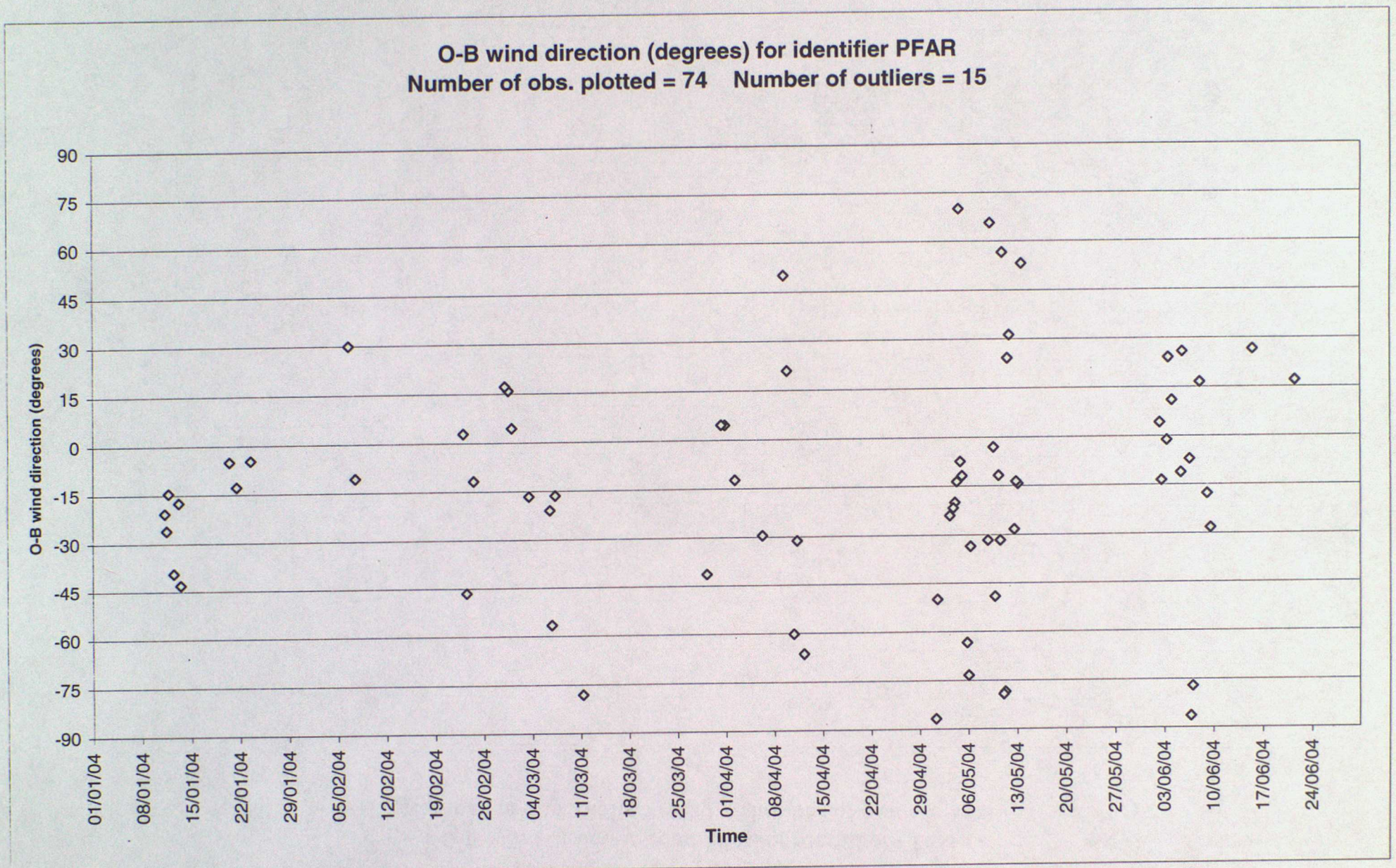
O-B wind direction (degrees) for identifier KS027
Number of obs. plotted = 7 Number of outliers = 48
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

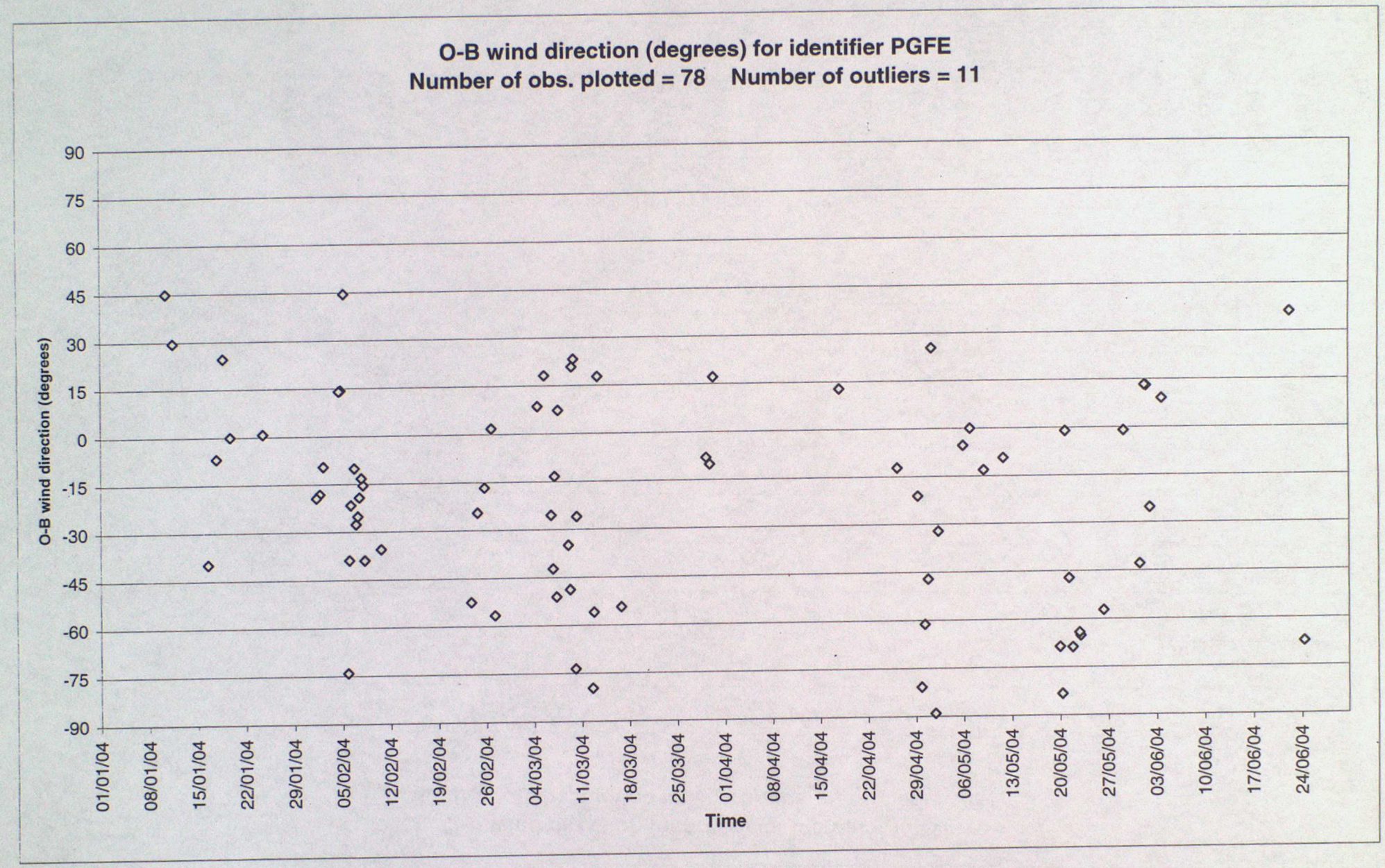

O-B wind direction (degrees) for identifier MCDZ9
Number of obs. plotted = 73 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier MSGS4
Number of obs. plotted = 28 Number of outliers = 12
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B wind direction (degrees) for identifier MSJZ8
Number of obs. plotted = 73 Number of outliers = 26
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B wind direction (degrees) for identifier PDUJ
Number of obs. plotted = 111 Number of outliers = 23
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

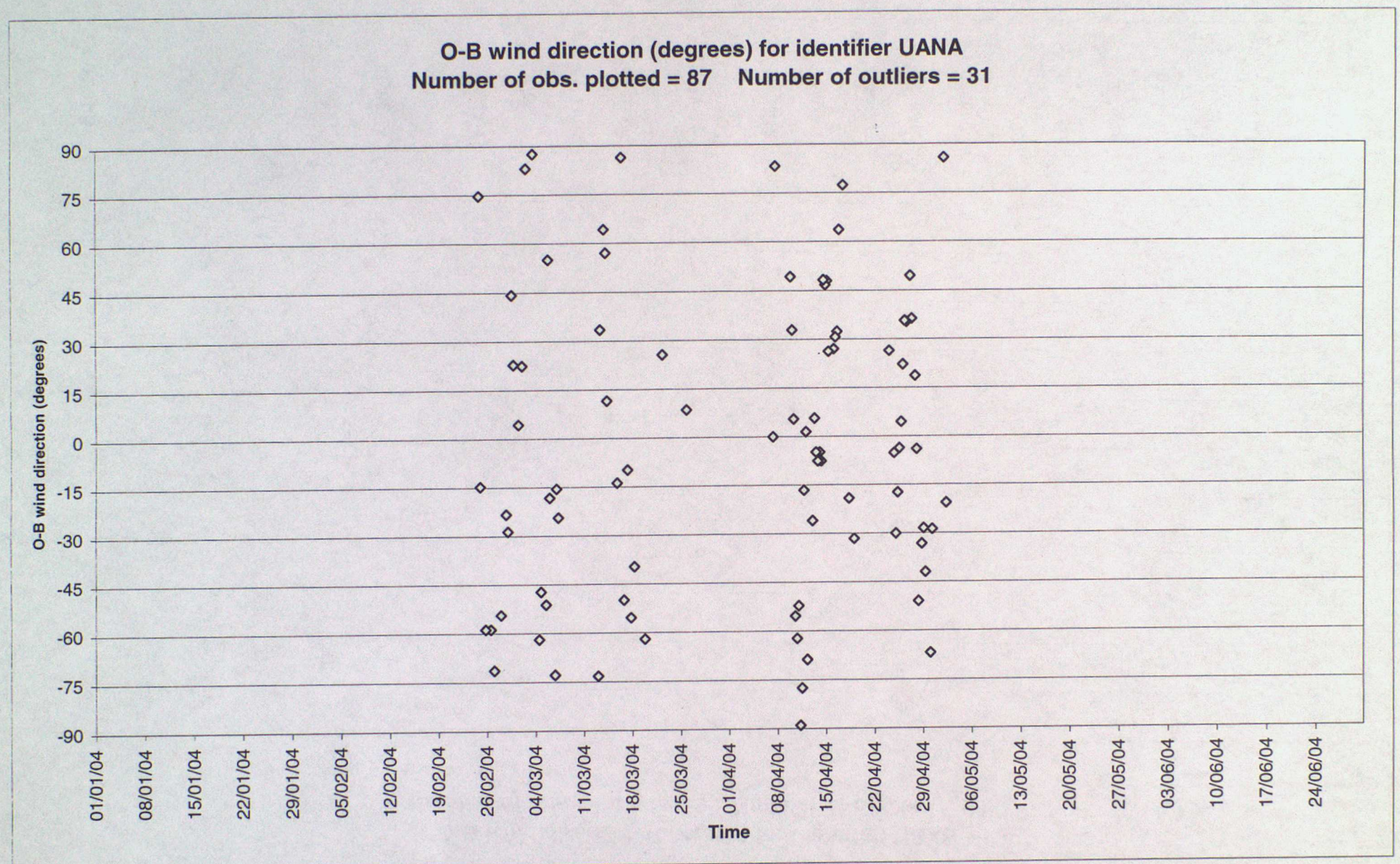

O-B wind direction (degrees) for identifier PFAR
Number of obs. plotted = 74 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

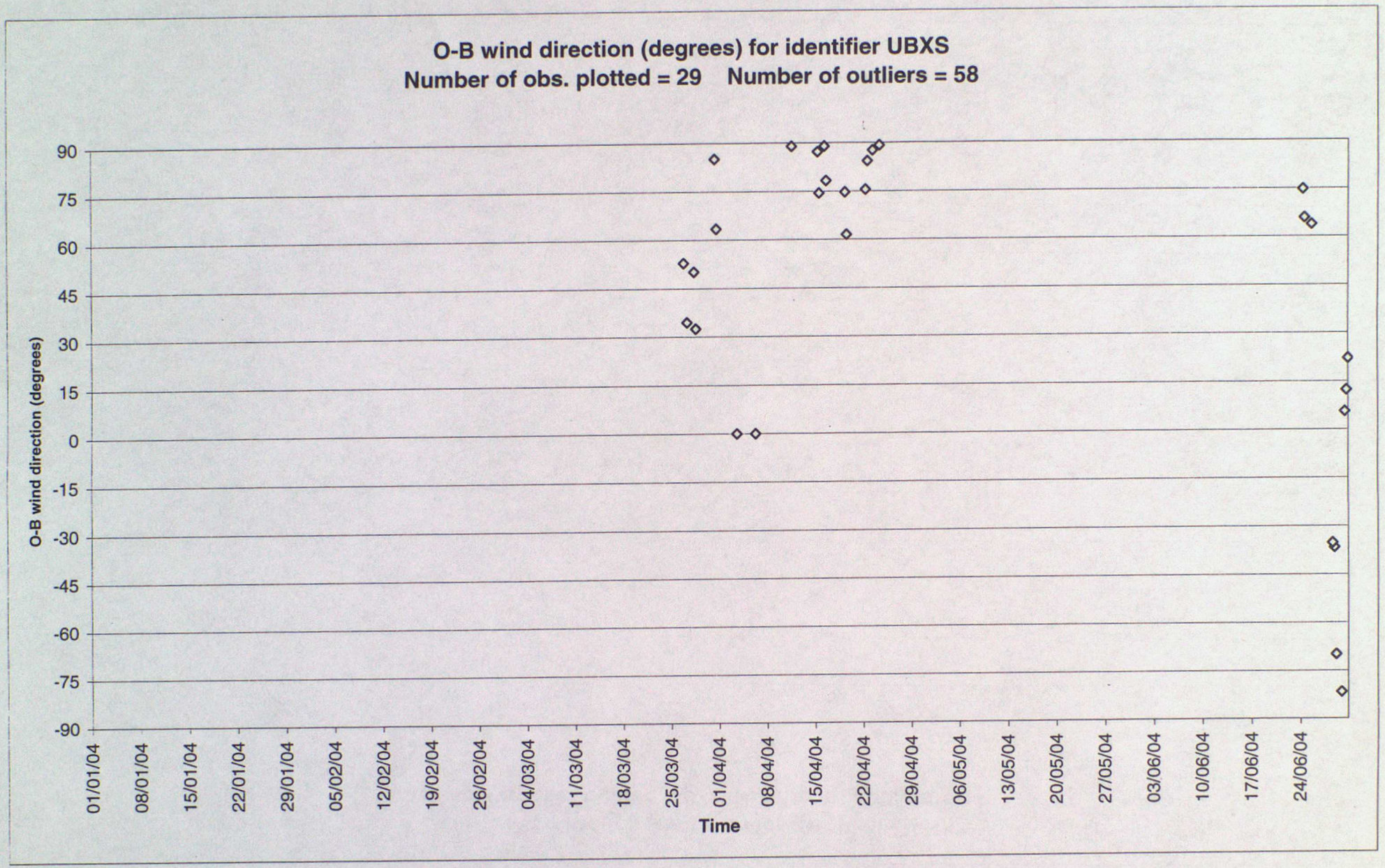

O-B wind direction (degrees) for identifier PGFE
Number of obs. plotted = 78 Number of outliers = 11
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

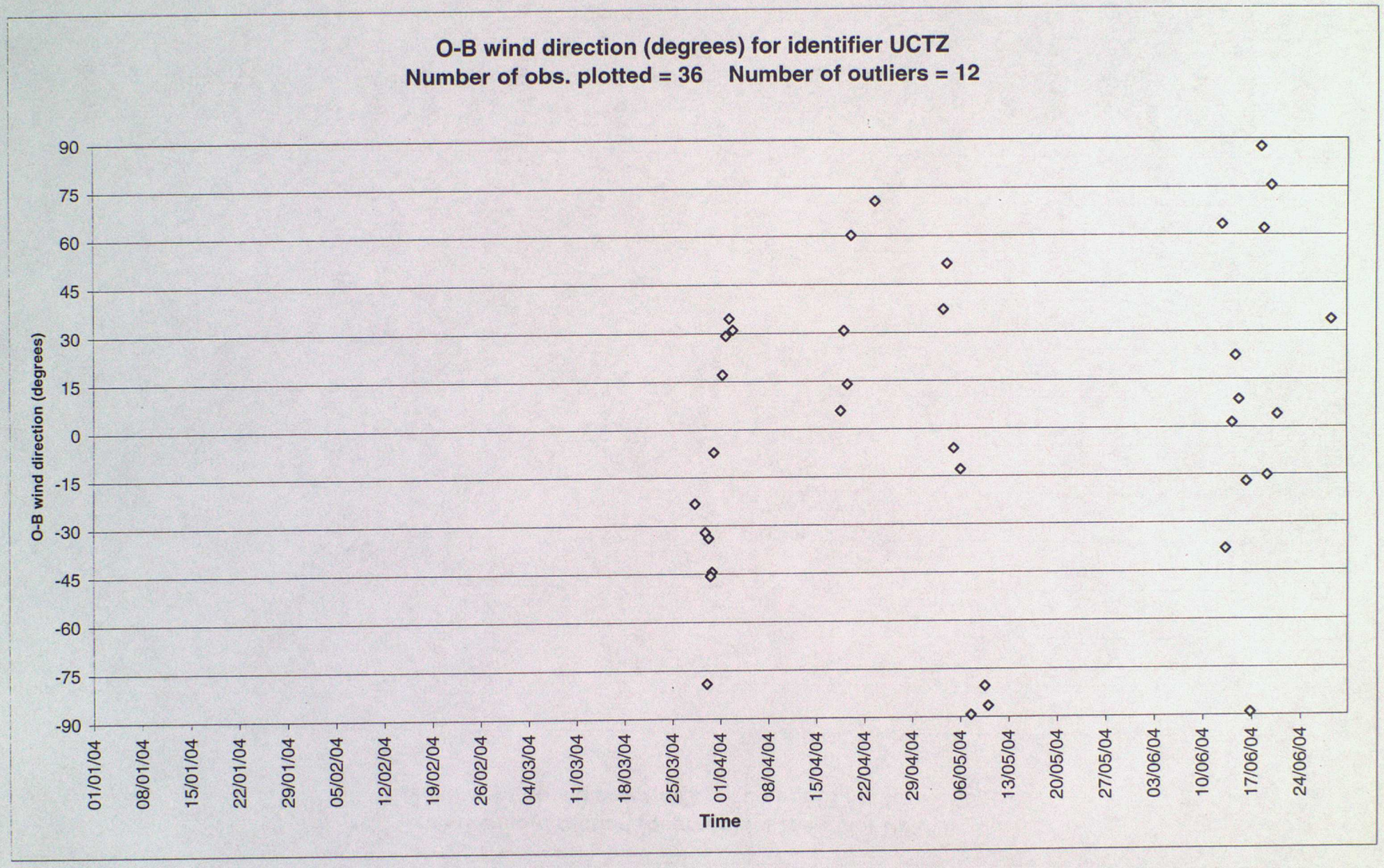
O-B wind direction (degrees) for identifier PJJH
Number of obs. plotted = 63 Number of outliers = 20
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

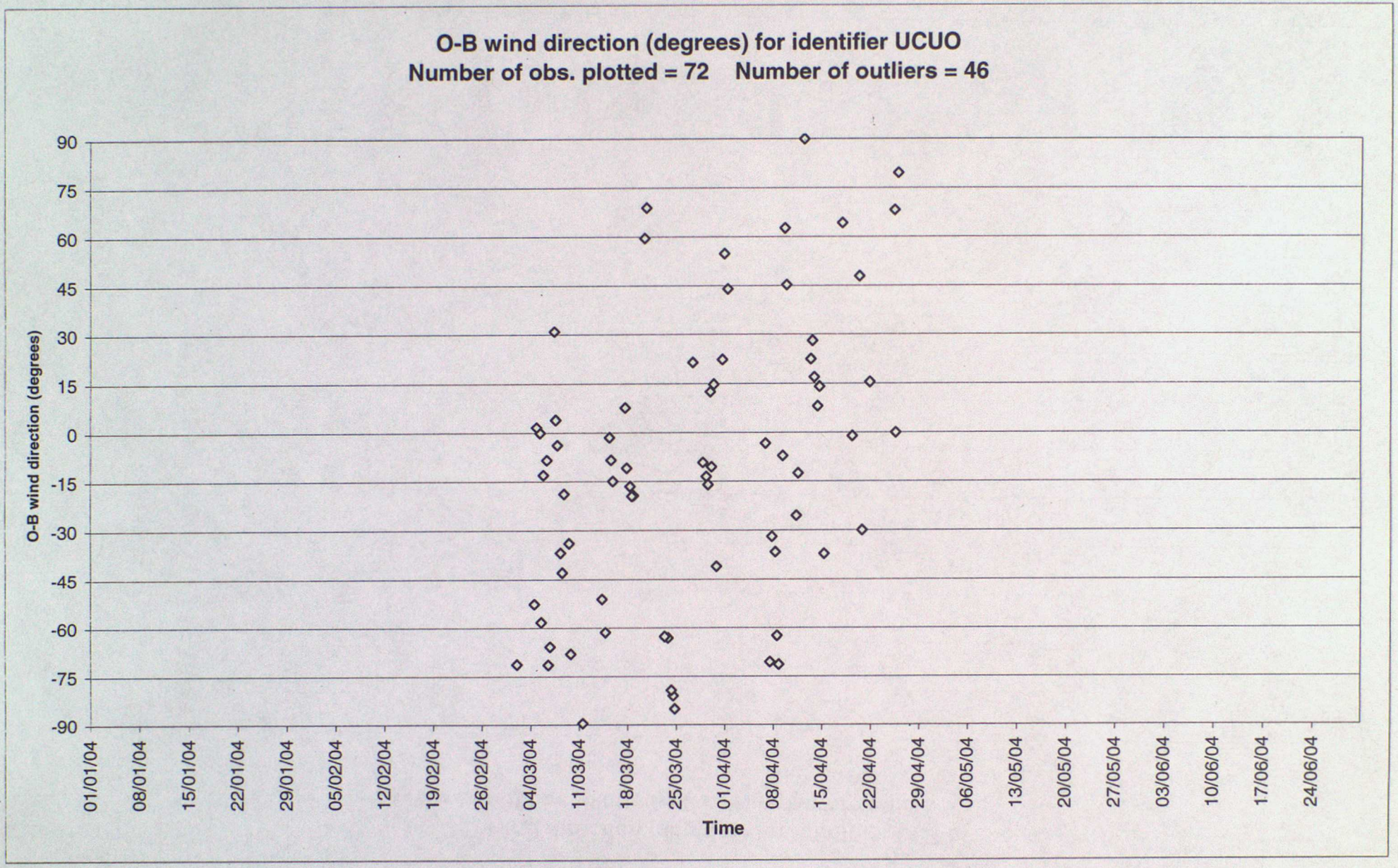
O-B wind direction (degrees) for identifier P3JA9
Number of obs. plotted = 156 Number of outliers = 39
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

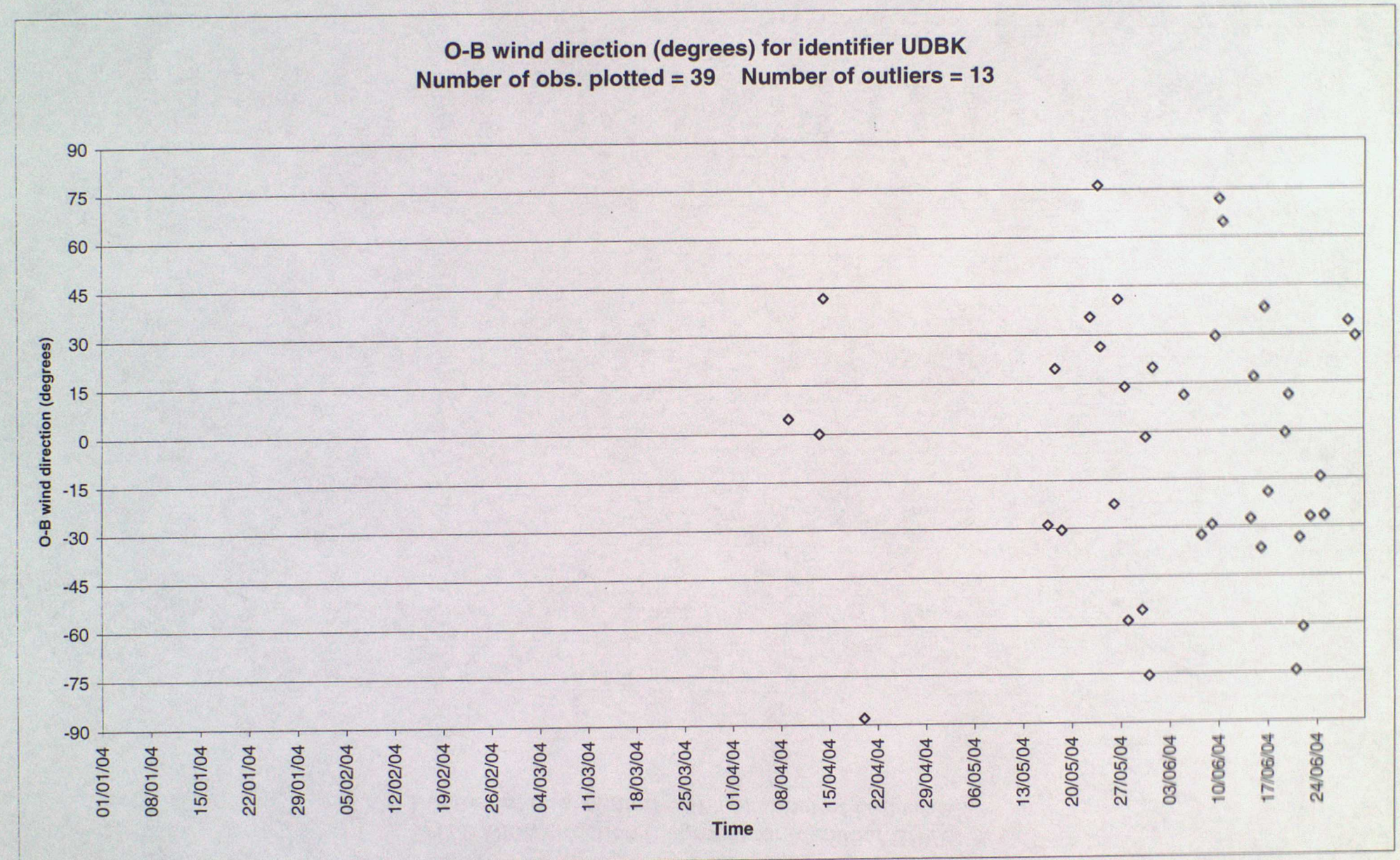
O-B wind direction (degrees) for identifier TEST
Number of obs. plotted = 397 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

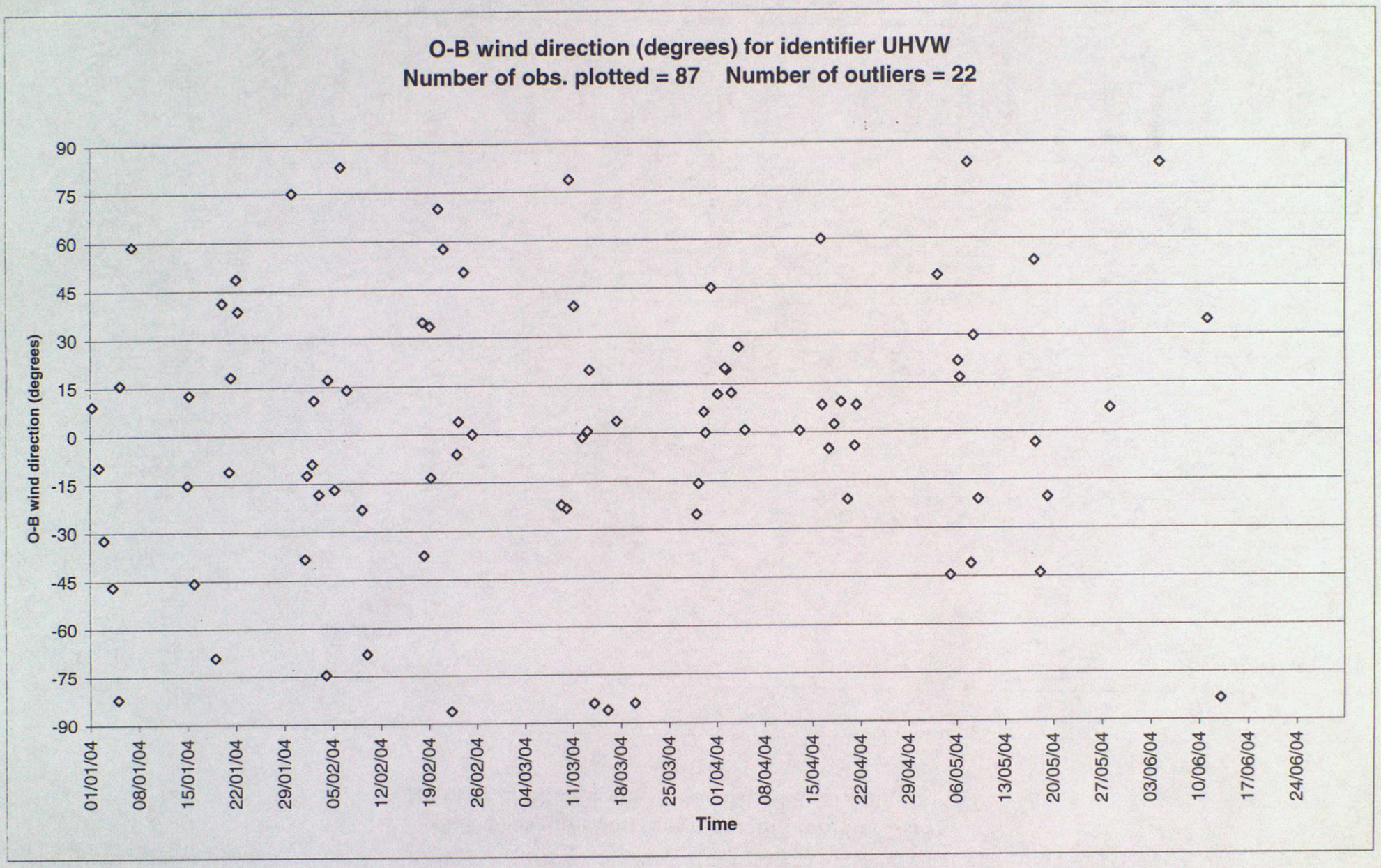

O-B wind direction (degrees) for identifier UANA
Number of obs. plotted = 87 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

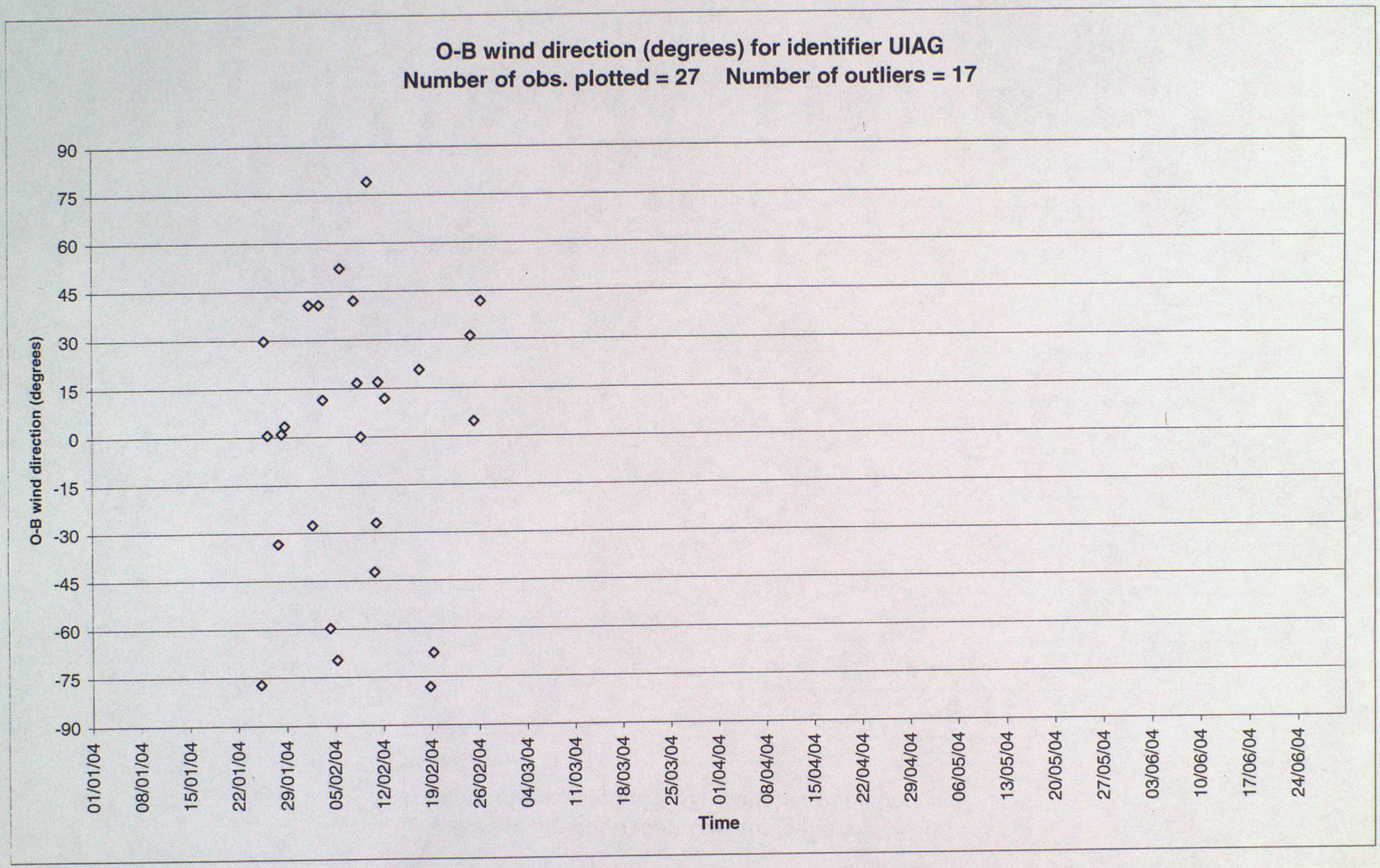

O-B wind direction (degrees) for identifier UBXS
Number of obs. plotted = 29 Number of outliers = 58
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

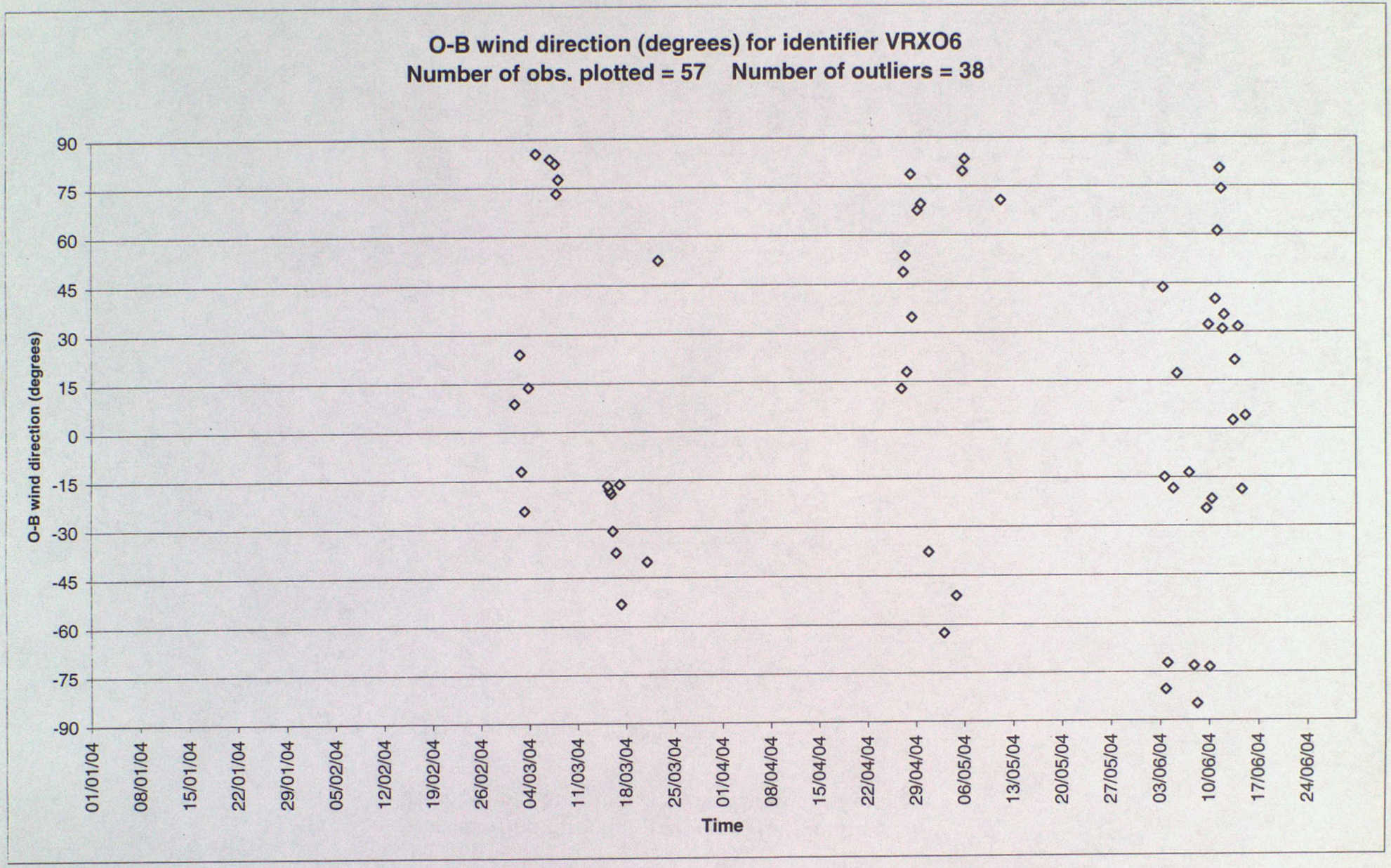

O-B wind direction (degrees) for identifier UCTZ
Number of obs. plotted = 36 Number of outliers = 12
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

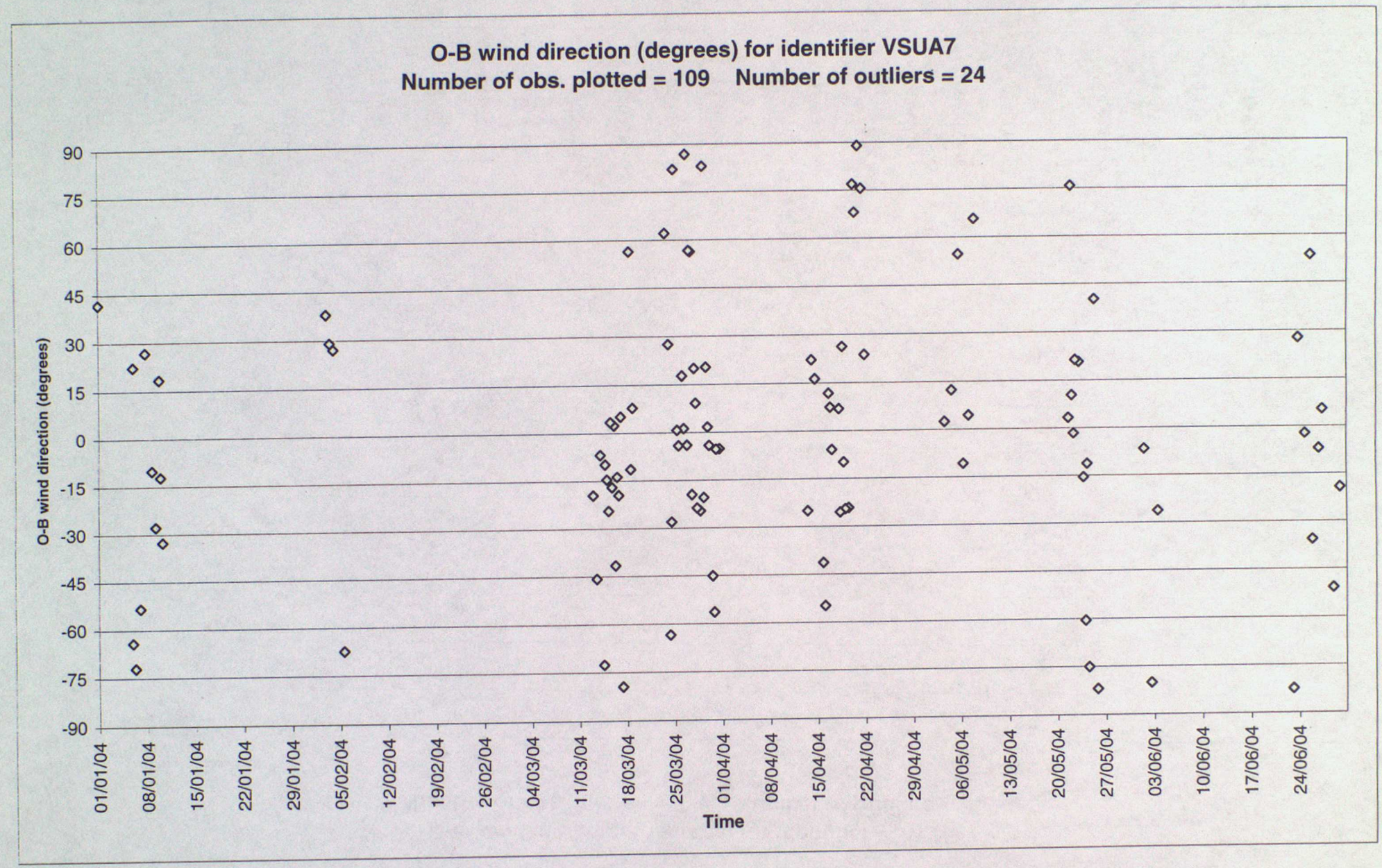

O-B wind direction (degrees) for identifier UCUO
Number of obs. plotted = 72 Number of outliers = 46
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier UDBK
Number of obs. plotted = 39 Number of outliers = 13
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

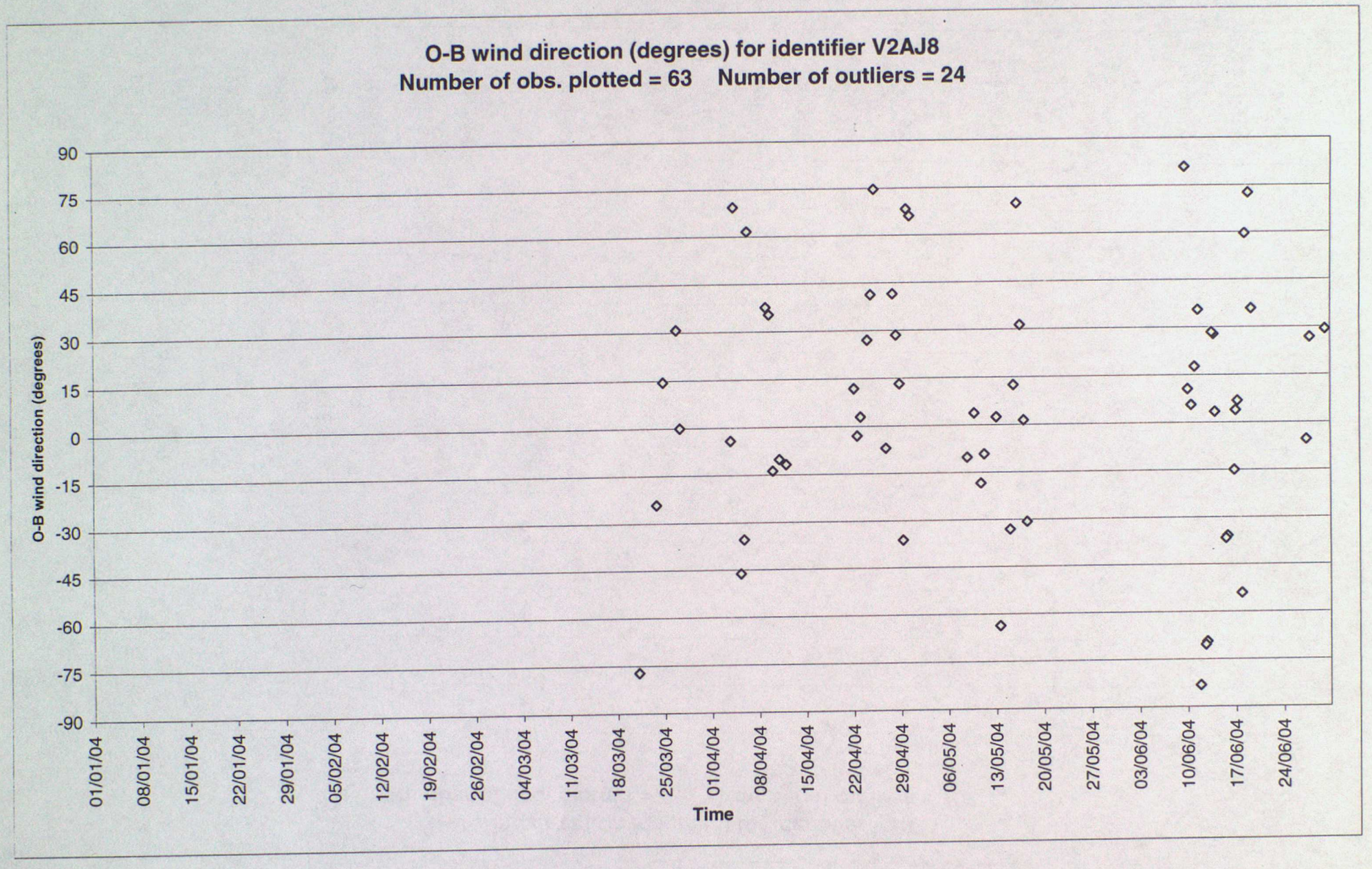

O-B wind direction (degrees) for identifier UHVW
Number of obs. plotted = 87 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

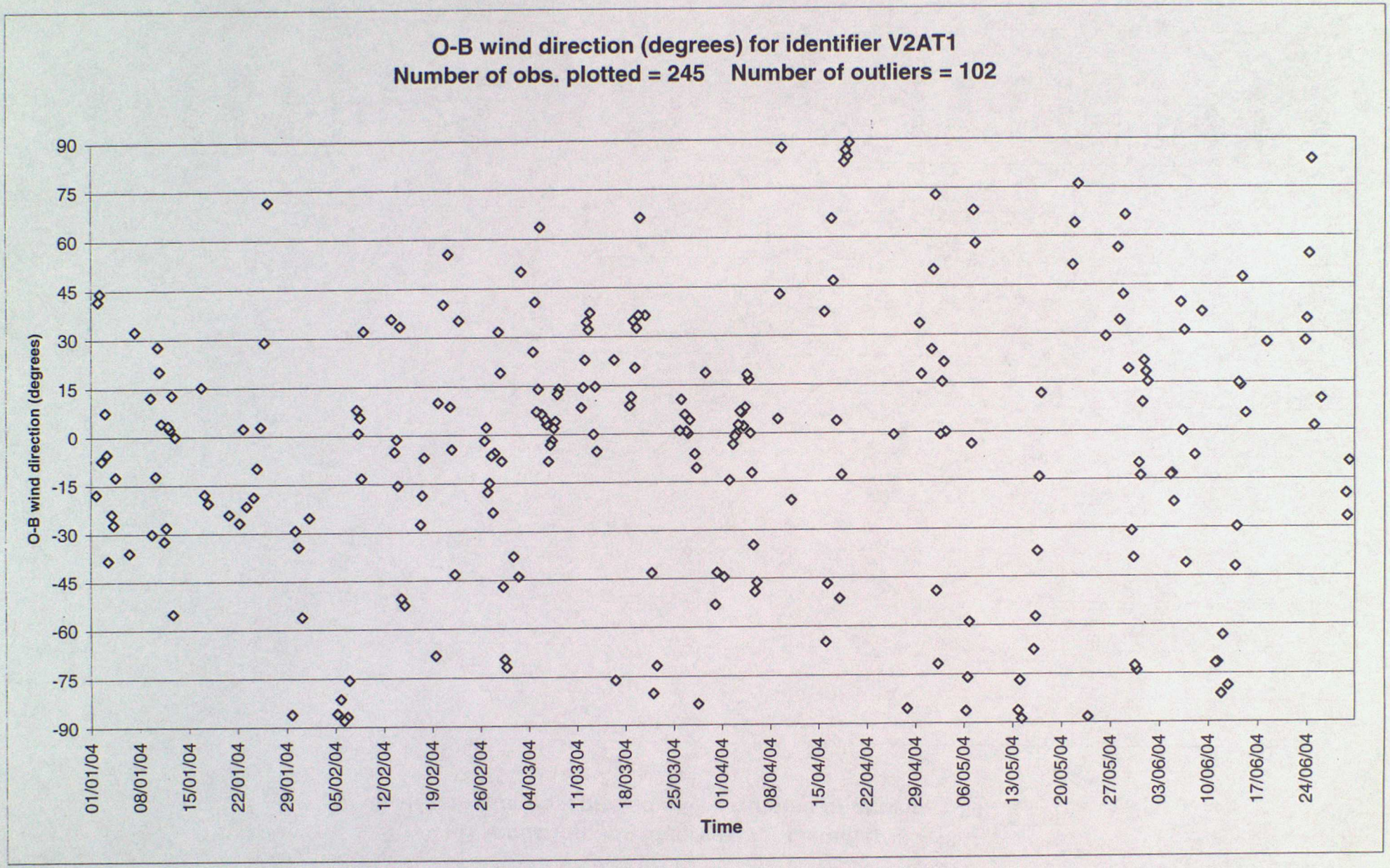

O-B wind direction (degrees) for identifier UIAG
Number of obs. plotted = 27 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

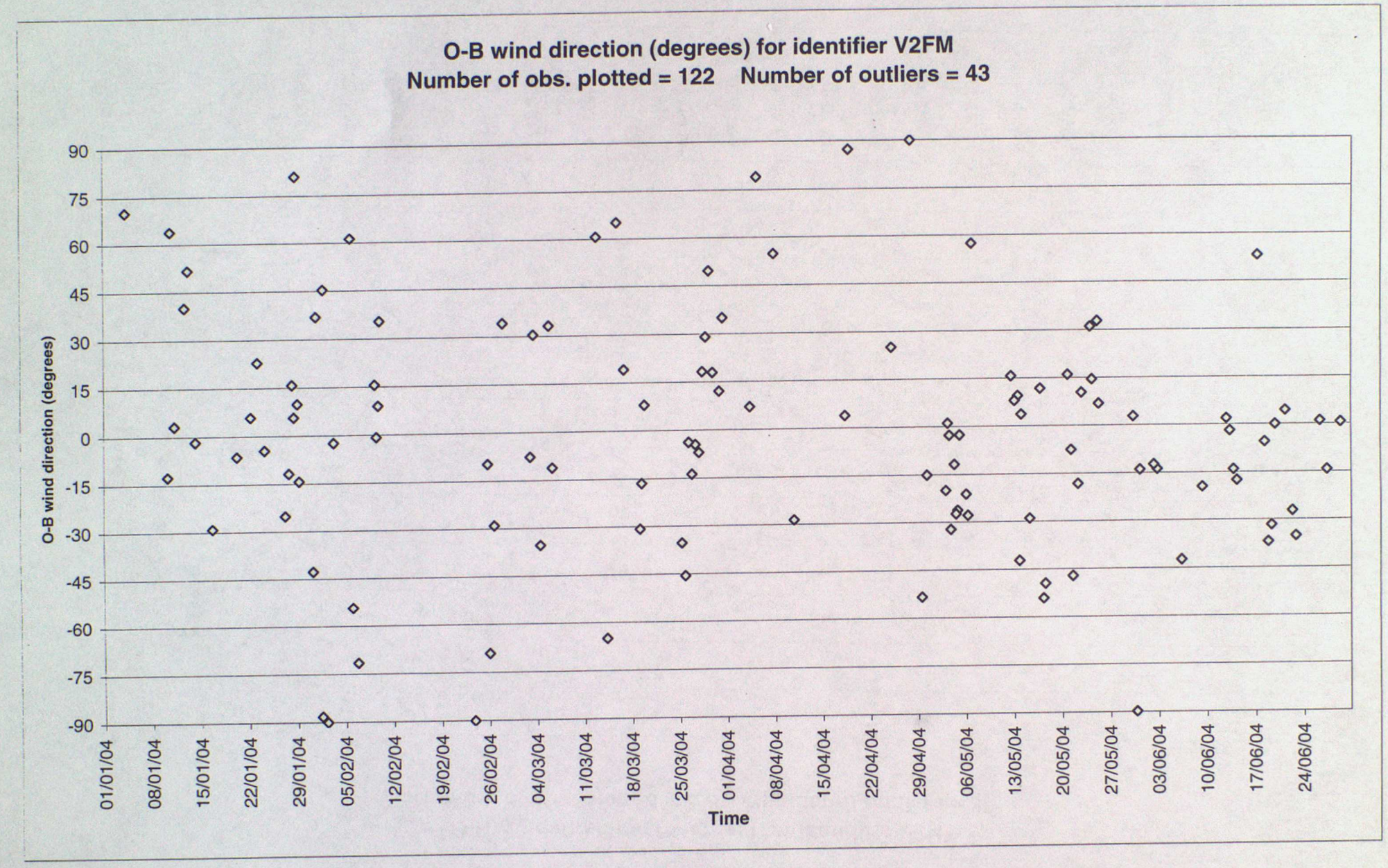

O-B wind direction (degrees) for identifier VRXO6
Number of obs. plotted = 57 Number of outliers = 38
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

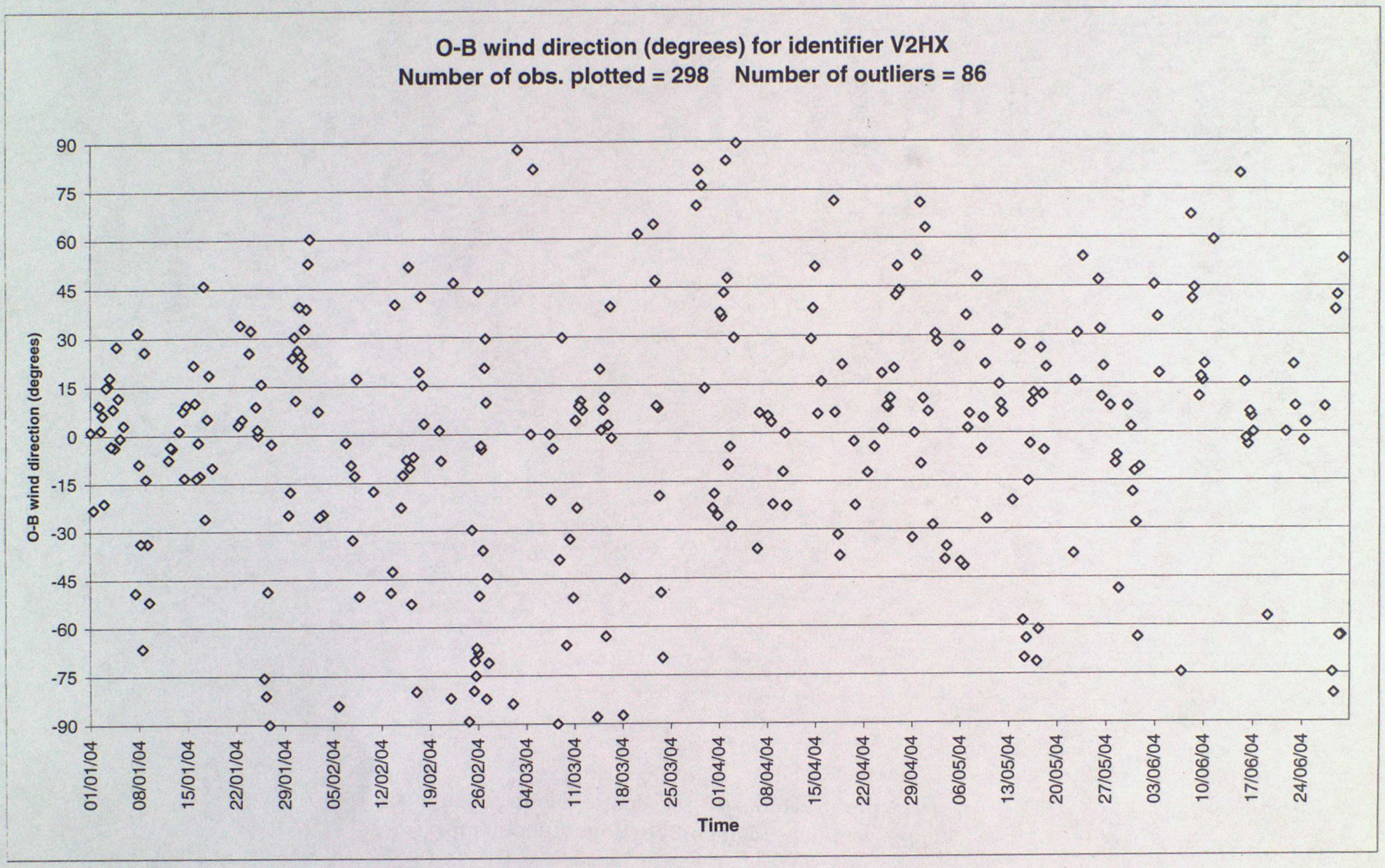

O-B wind direction (degrees) for identifier VSUA7
Number of obs. plotted = 109 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

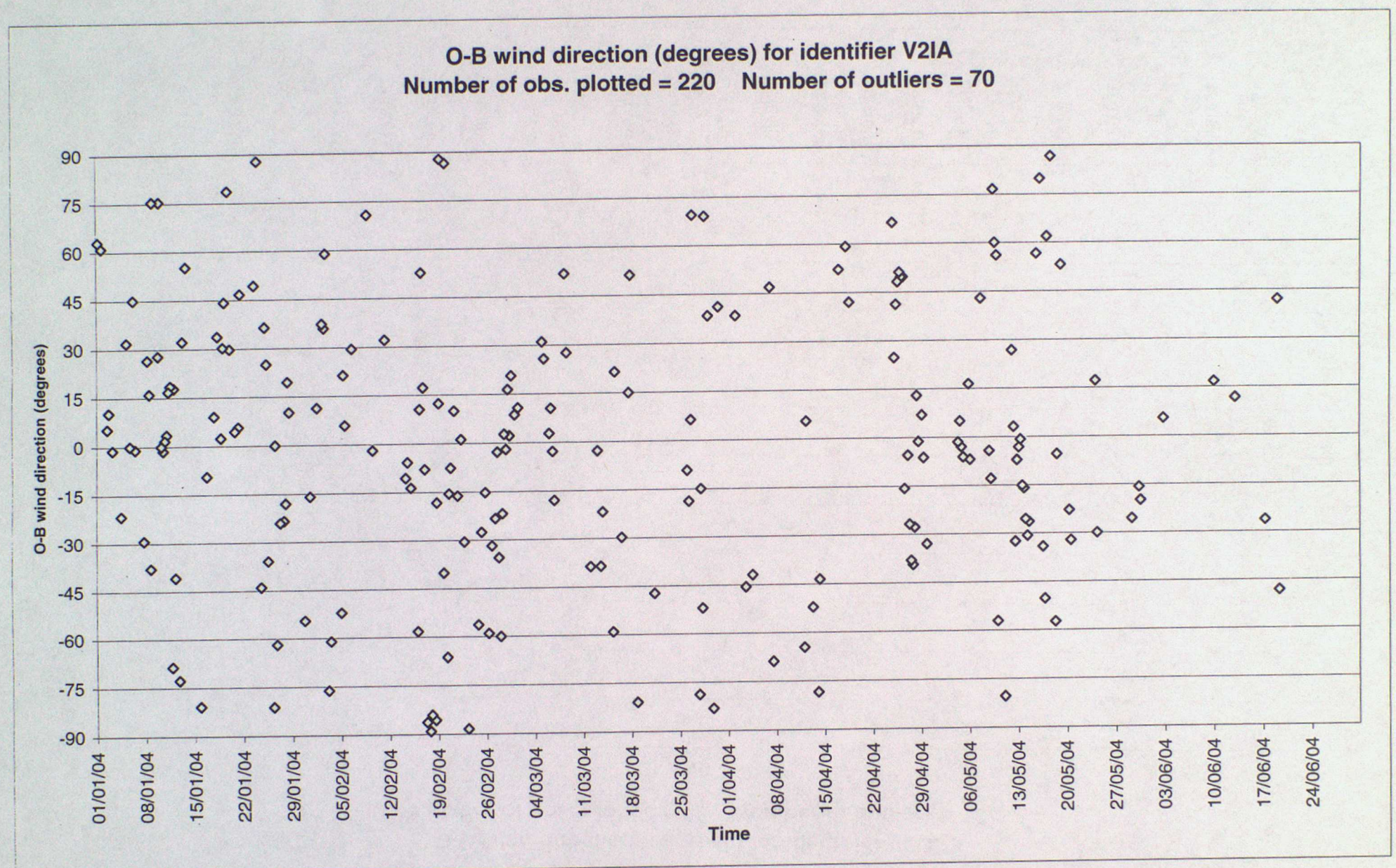
O-B wind direction (degrees) for identifier VSWW5
Number of obs. plotted = 138 Number of outliers = 38
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

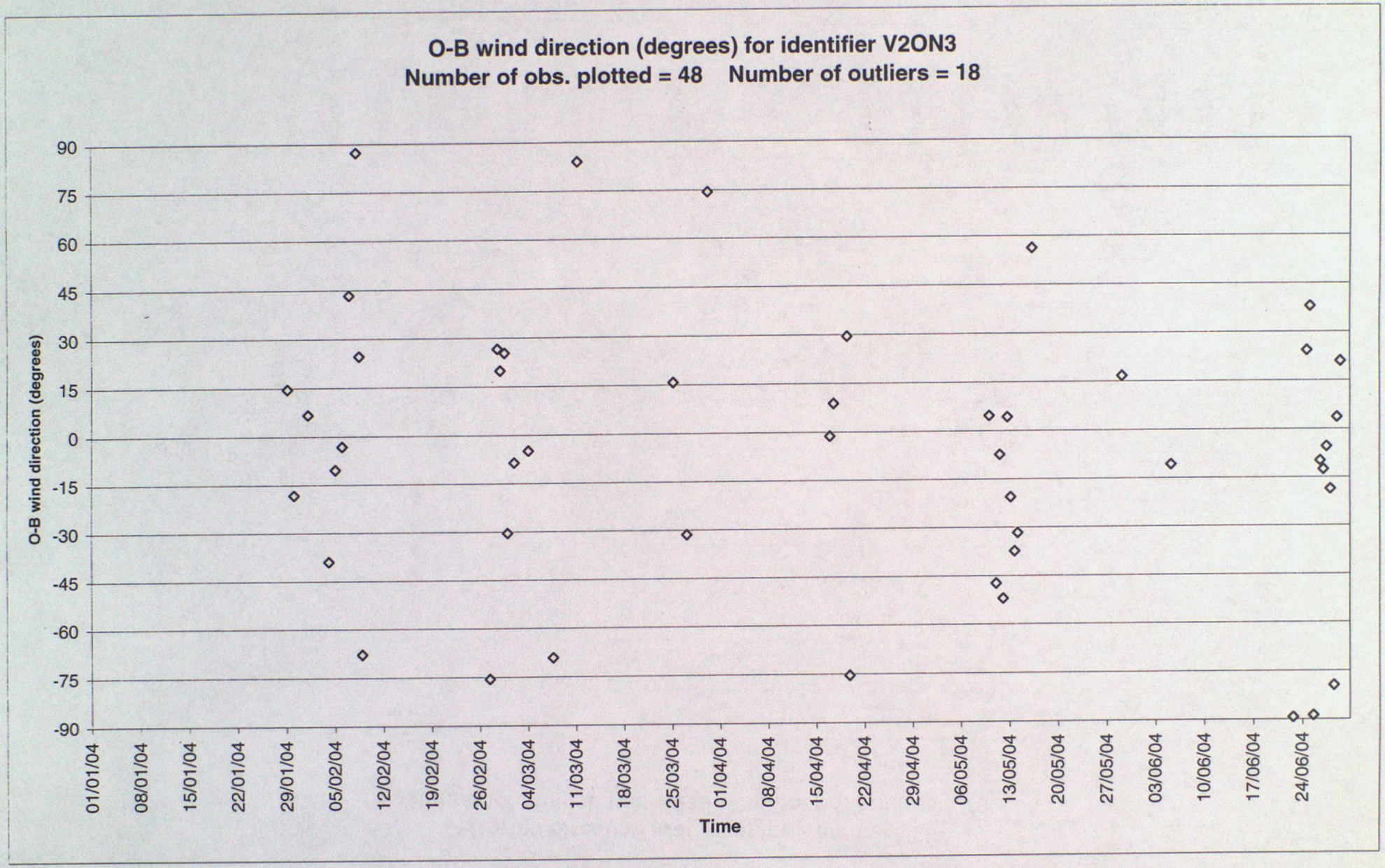

O-B wind direction (degrees) for identifier V2AJ8
Number of obs. plotted = 63 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier V2AT1
Number of obs. plotted = 245 Number of outliers = 102
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

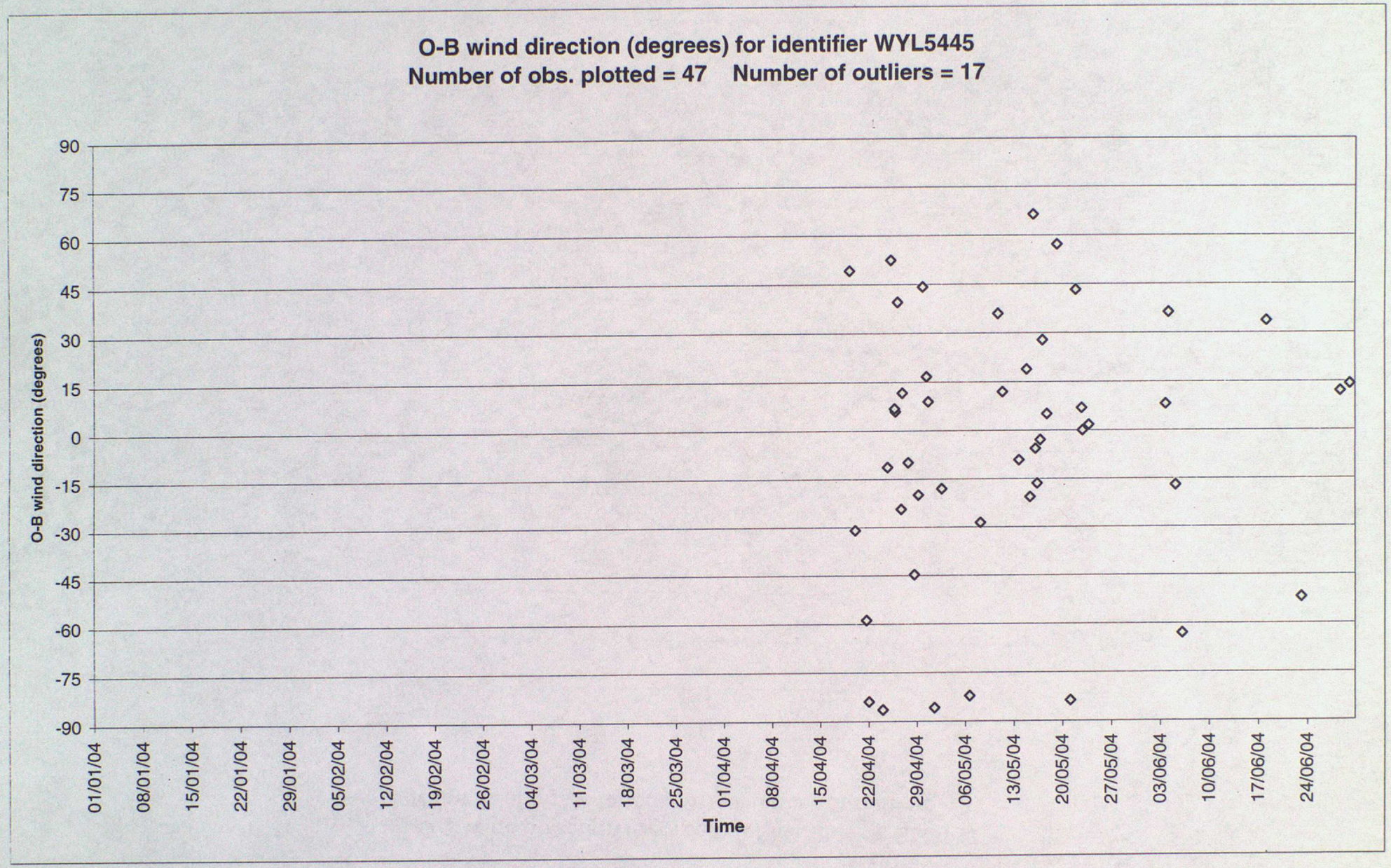

O-B wind direction (degrees) for identifier V2FM
Number of obs. plotted = 122 Number of outliers = 43
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

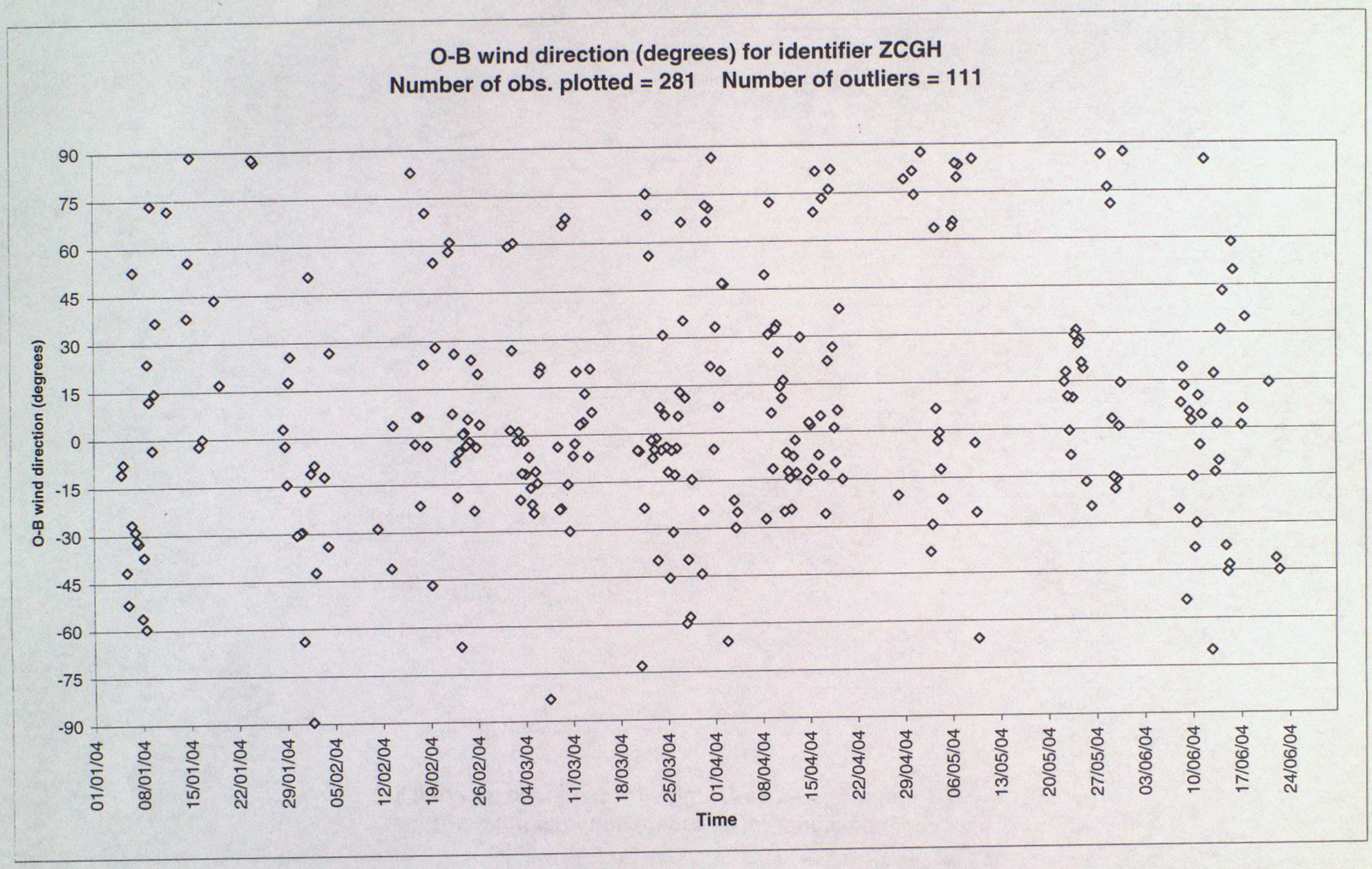

O-B wind direction (degrees) for identifier V2HX
Number of obs. plotted = 298 Number of outliers = 86
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

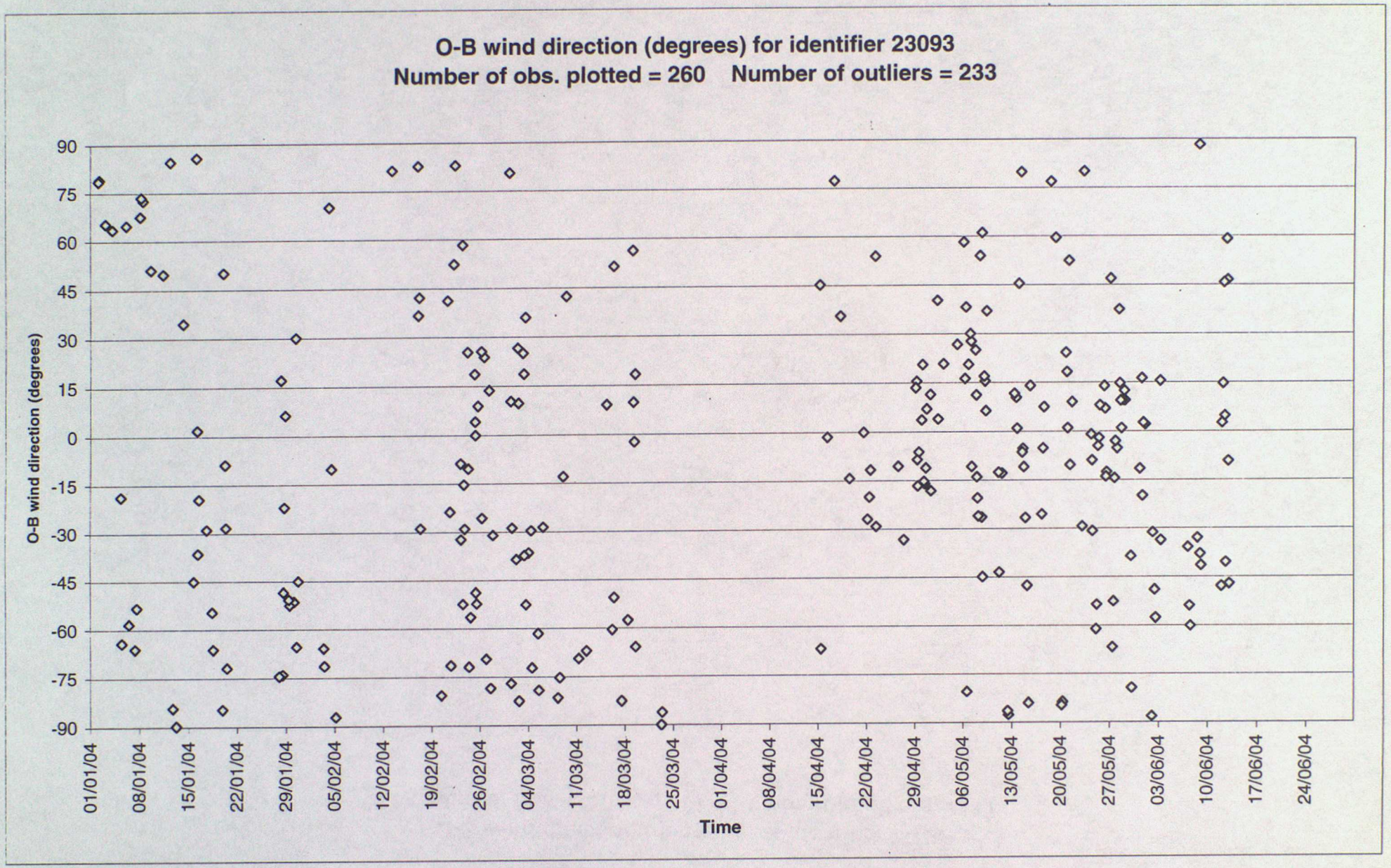

O-B wind direction (degrees) for identifier V2IA
Number of obs. plotted = 220 Number of outliers = 70
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

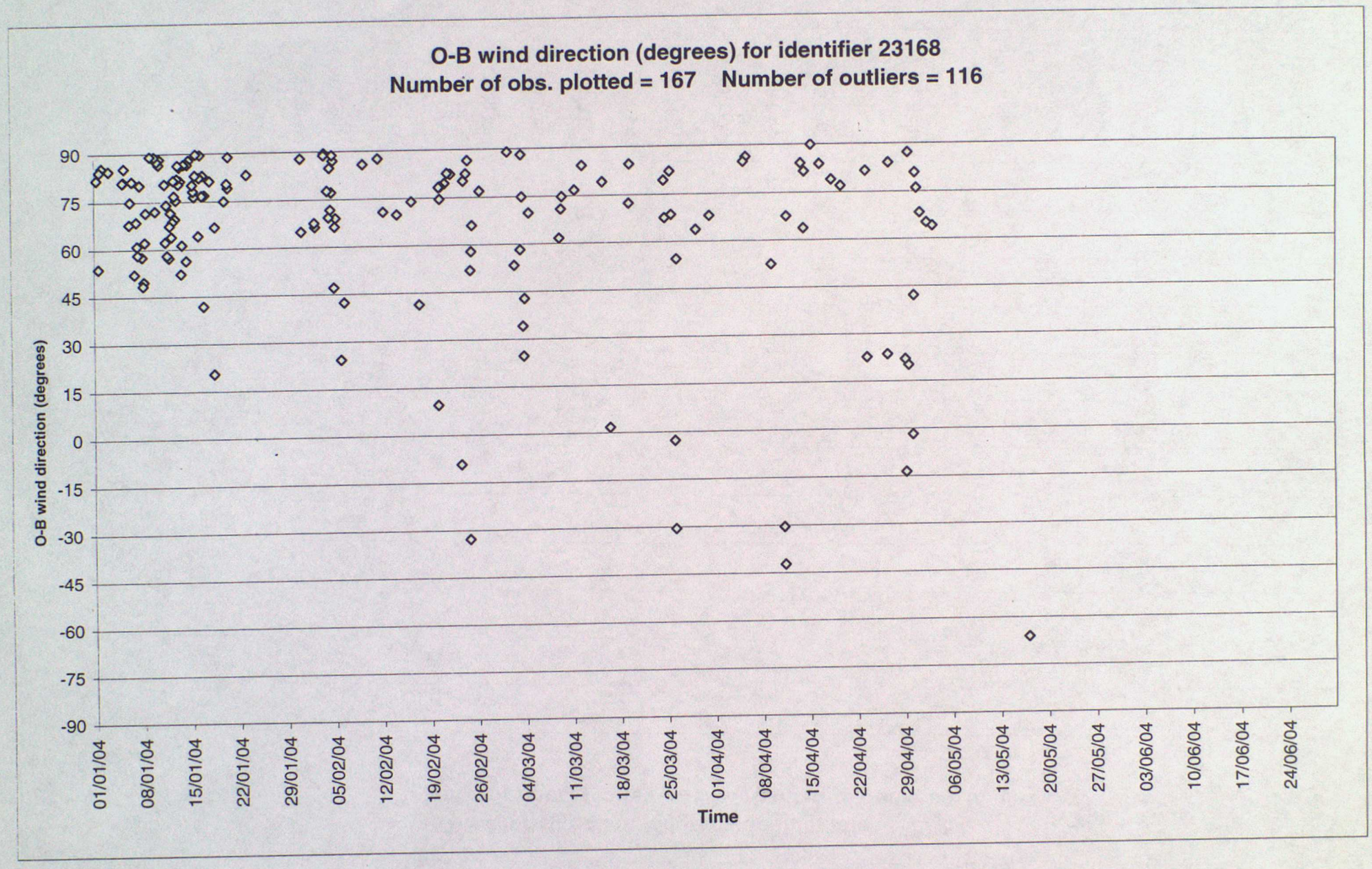

O-B wind direction (degrees) for identifier V2ON3
Number of obs. plotted = 48 Number of outliers = 18
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

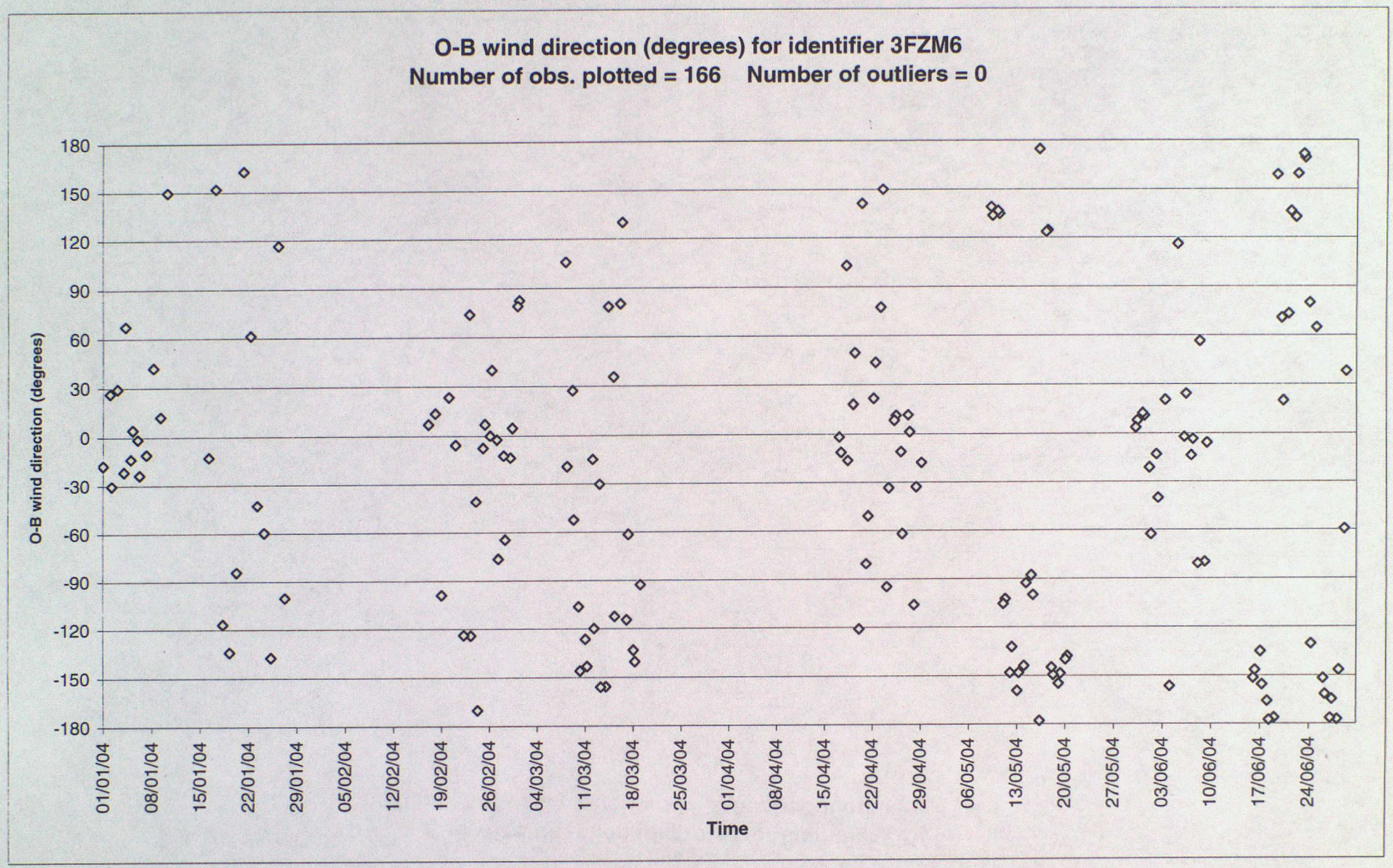
O-B wind direction (degrees) for identifier WBM8733
Number of obs. plotted = 51 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

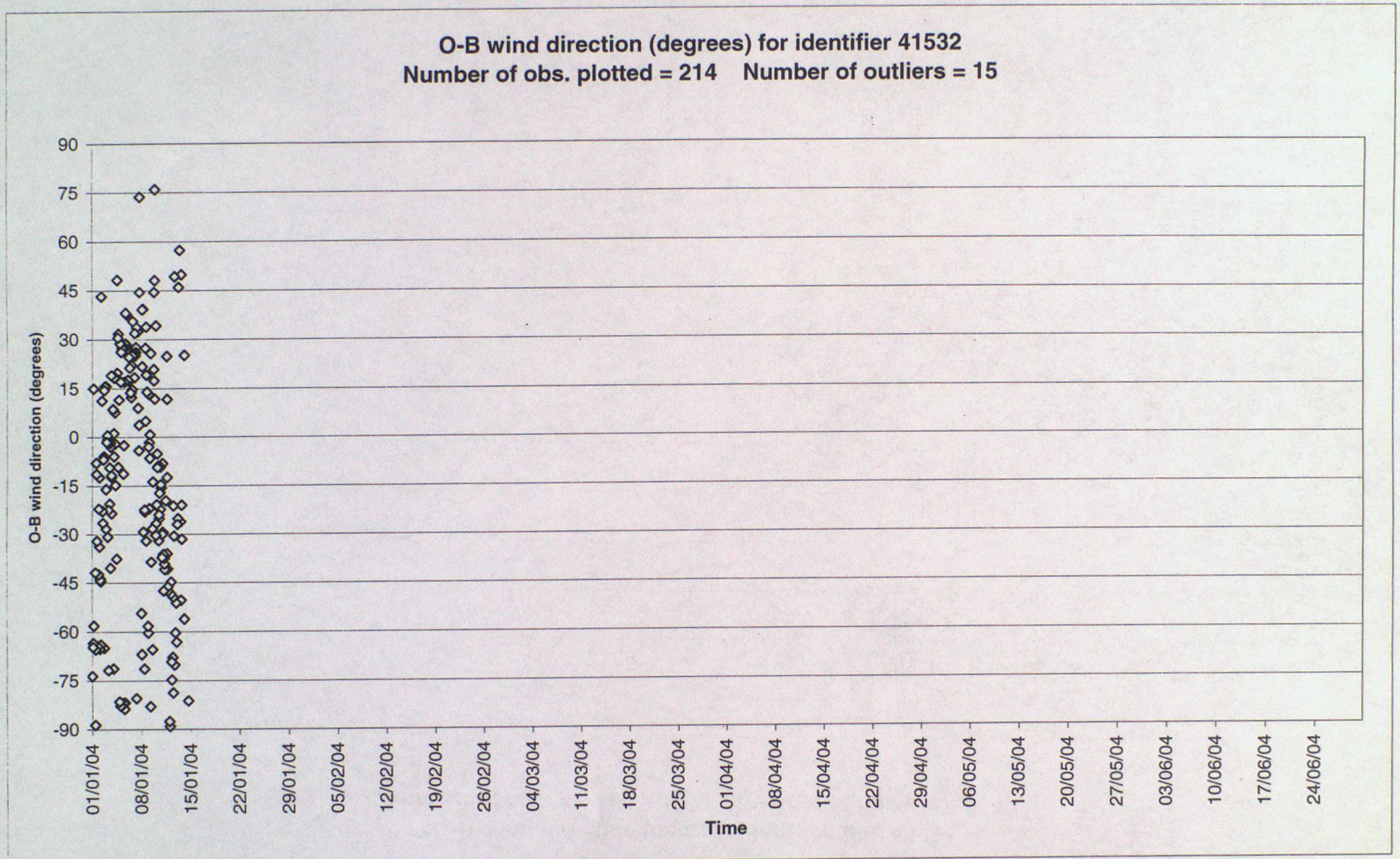

O-B wind direction (degrees) for identifier WYL5445
Number of obs. plotted = 47 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

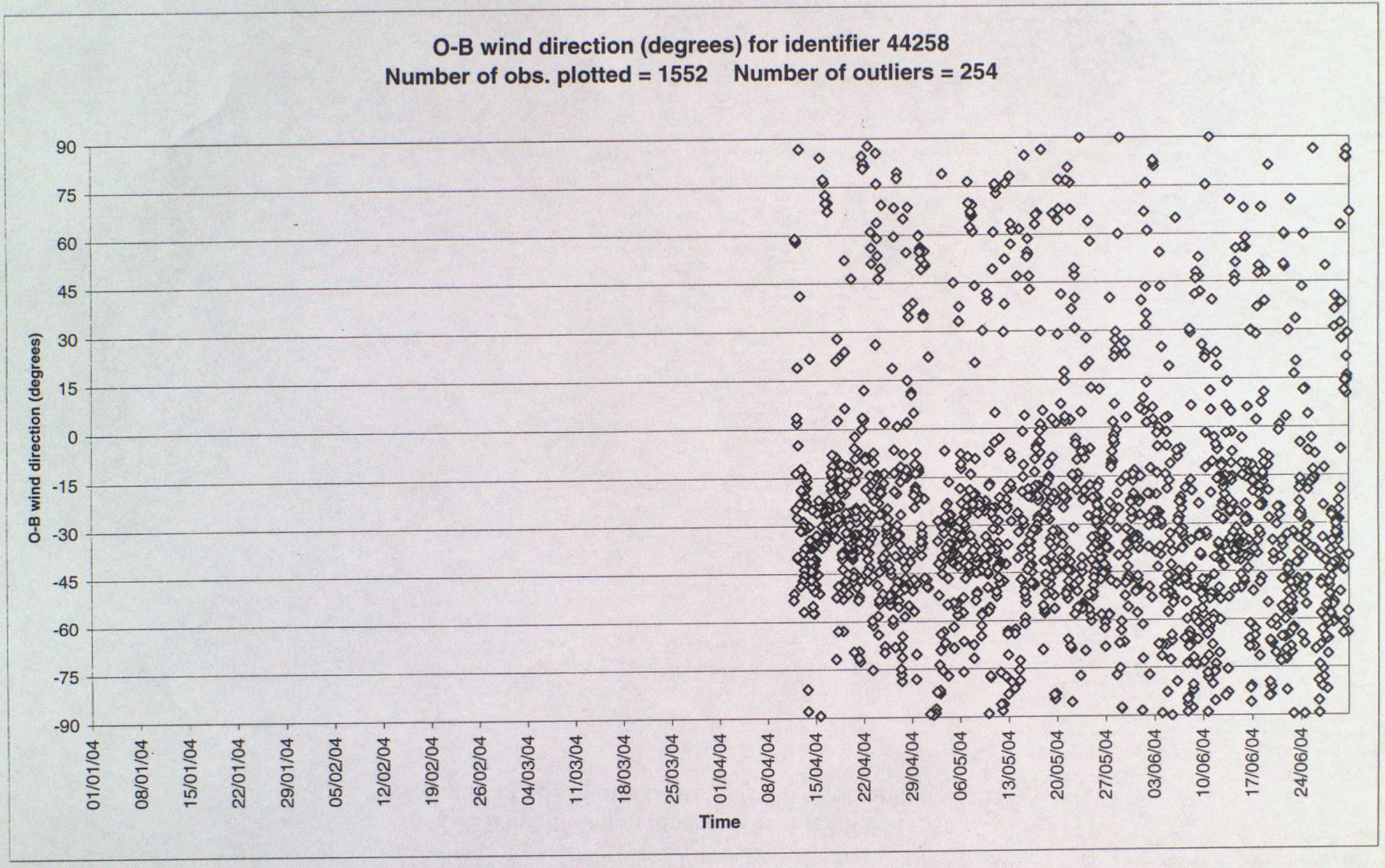

O-B wind direction (degrees) for identifier ZCGH
Number of obs. plotted = 281 Number of outliers = 111
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier 23093
Number of obs. plotted = 260 Number of outliers = 233
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

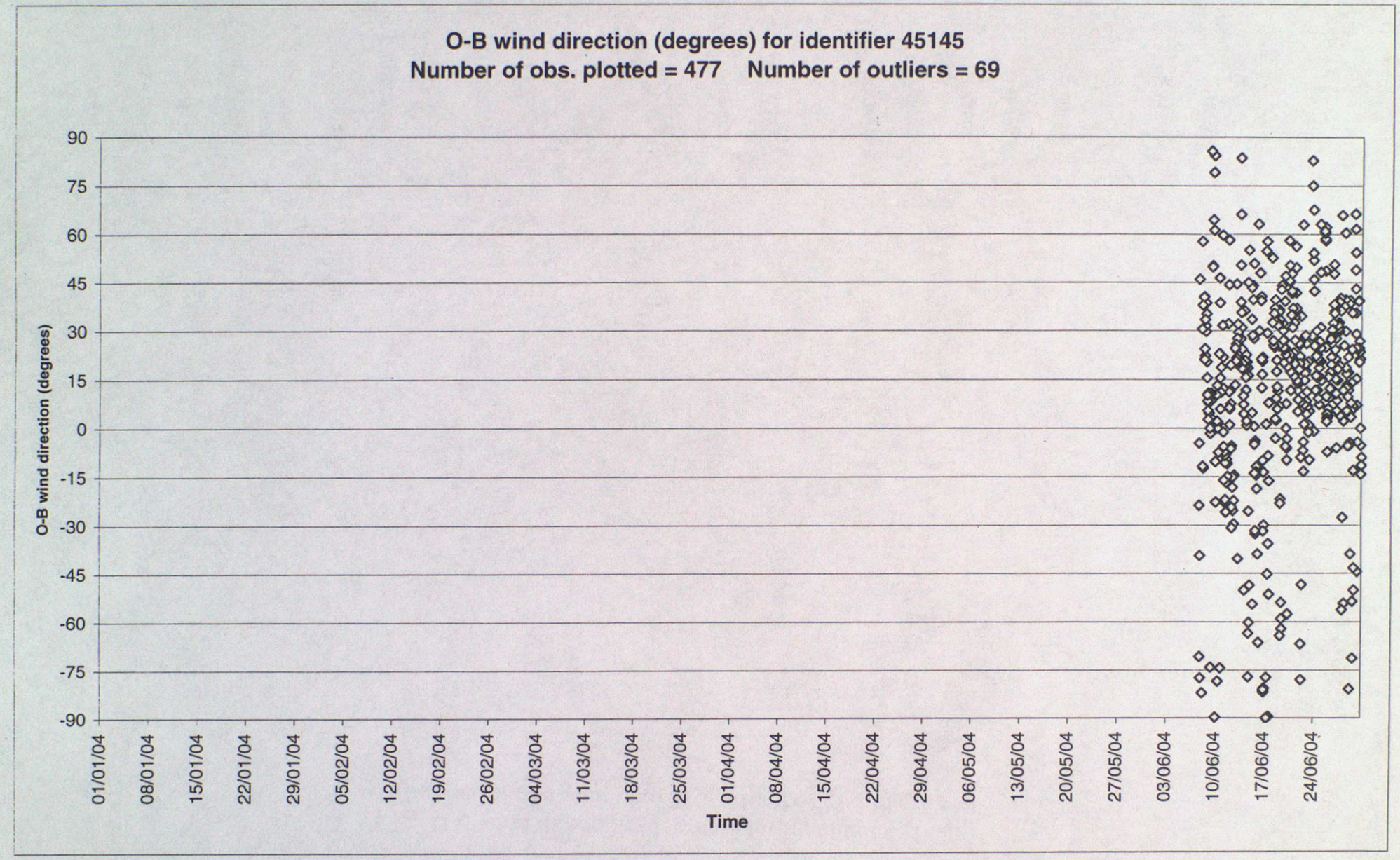

O-B wind direction (degrees) for identifier 23168
Number of obs. plotted = 167 Number of outliers = 116
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

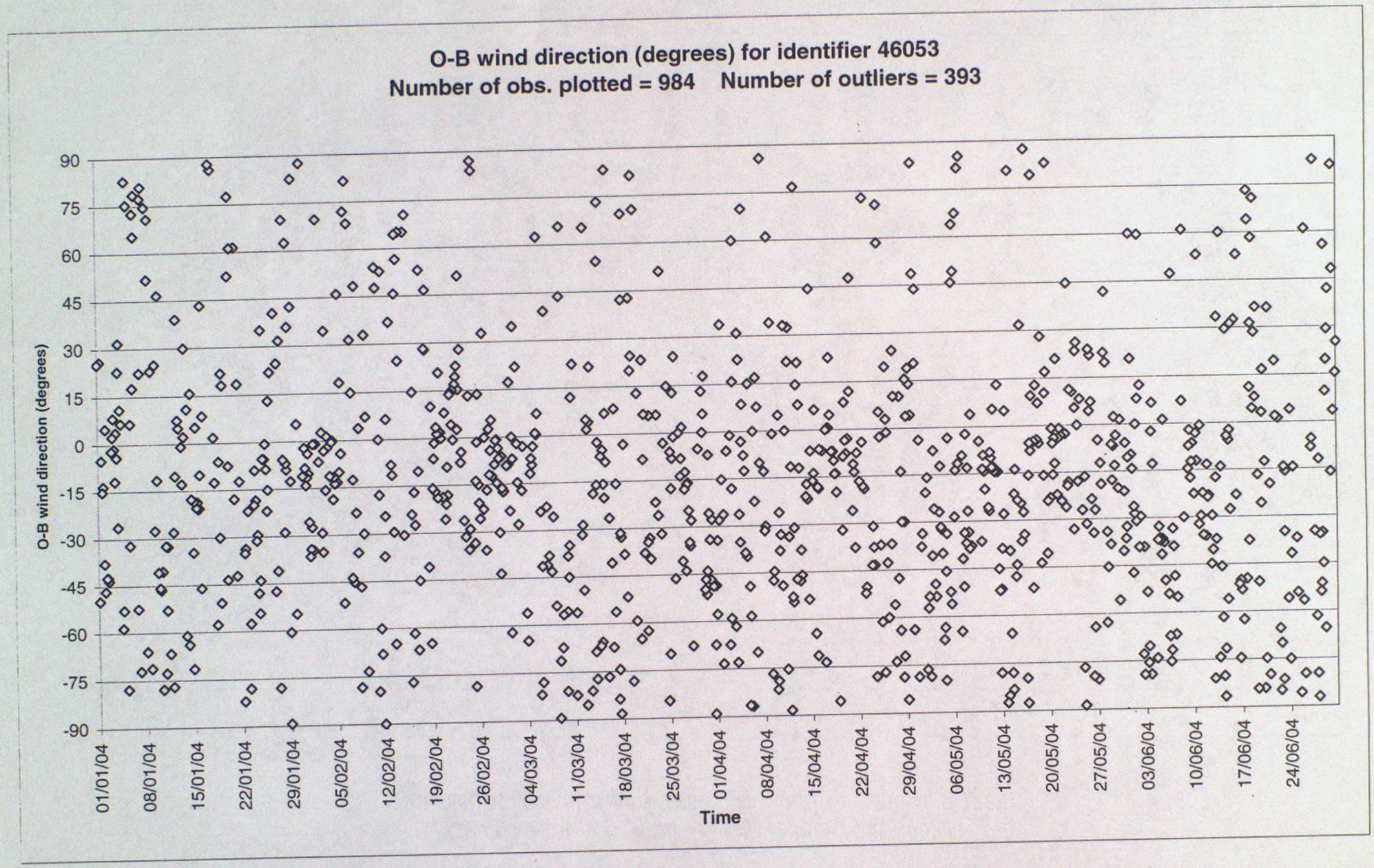

O-B wind direction (degrees) for identifier 3FZM6
Number of obs. plotted = 166 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

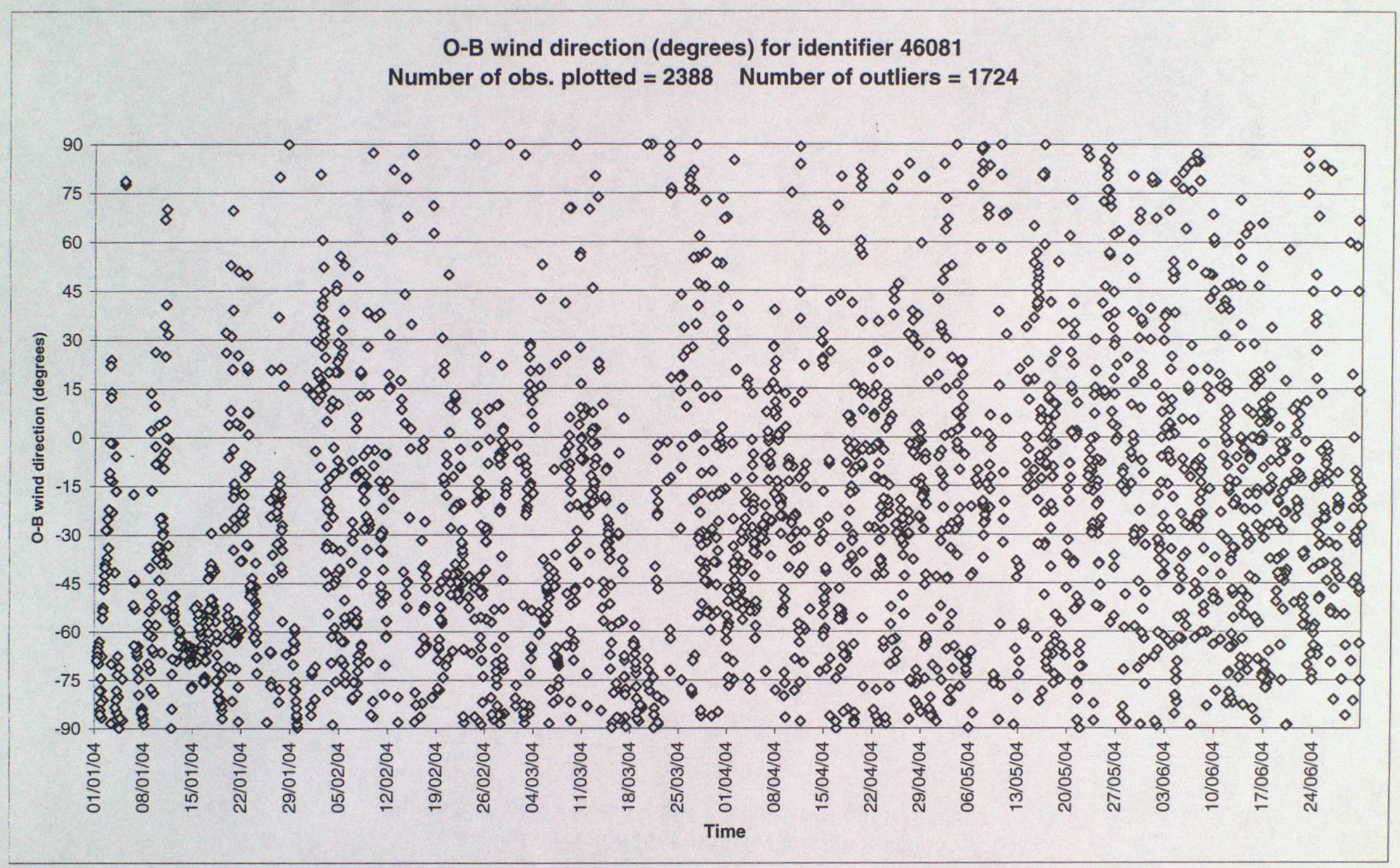

O-B wind direction (degrees) for identifier 41532
Number of obs. plotted = 214 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

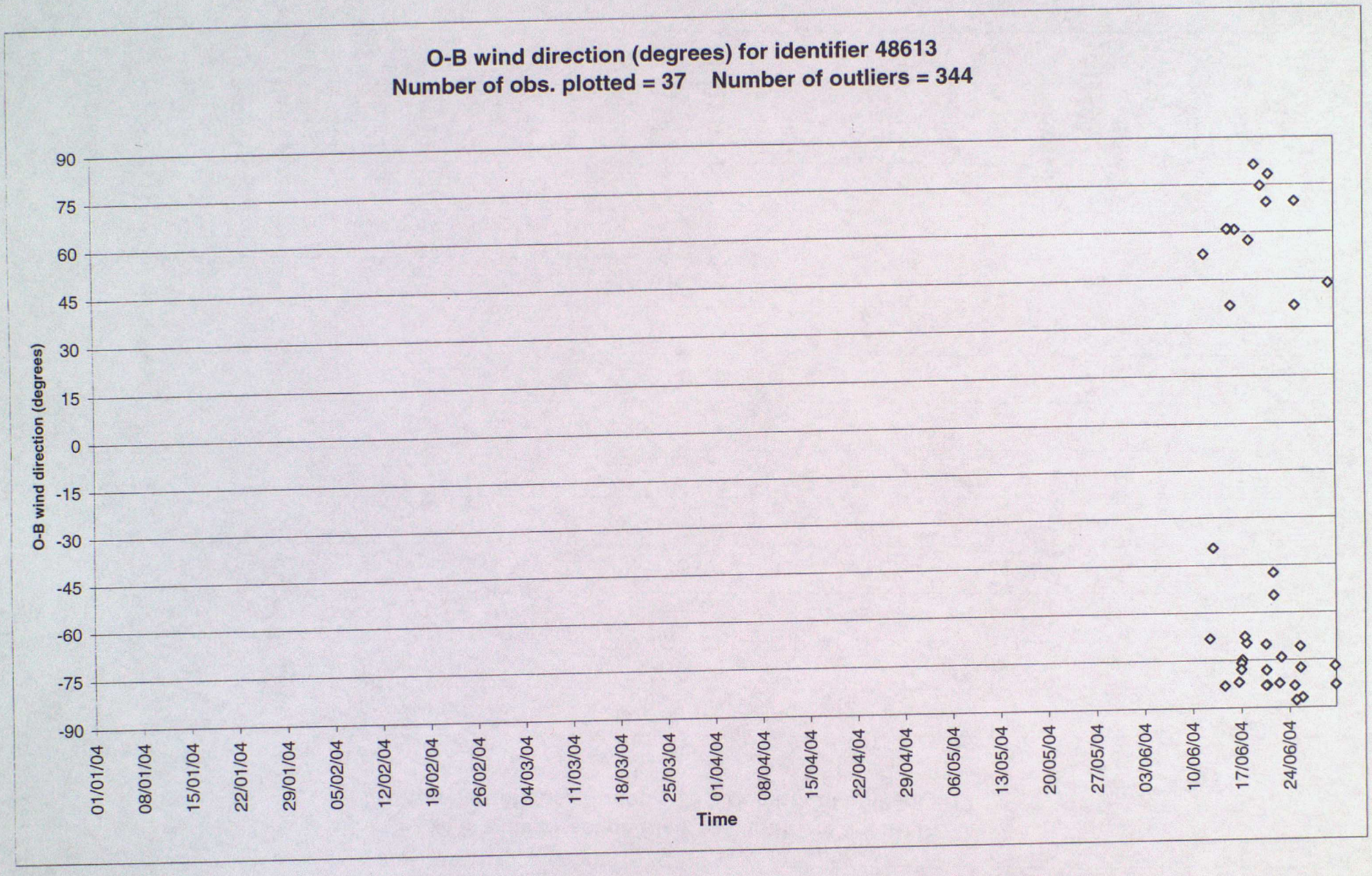

O-B wind direction (degrees) for identifier 44258
Number of obs. plotted = 1552 Number of outliers = 254
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

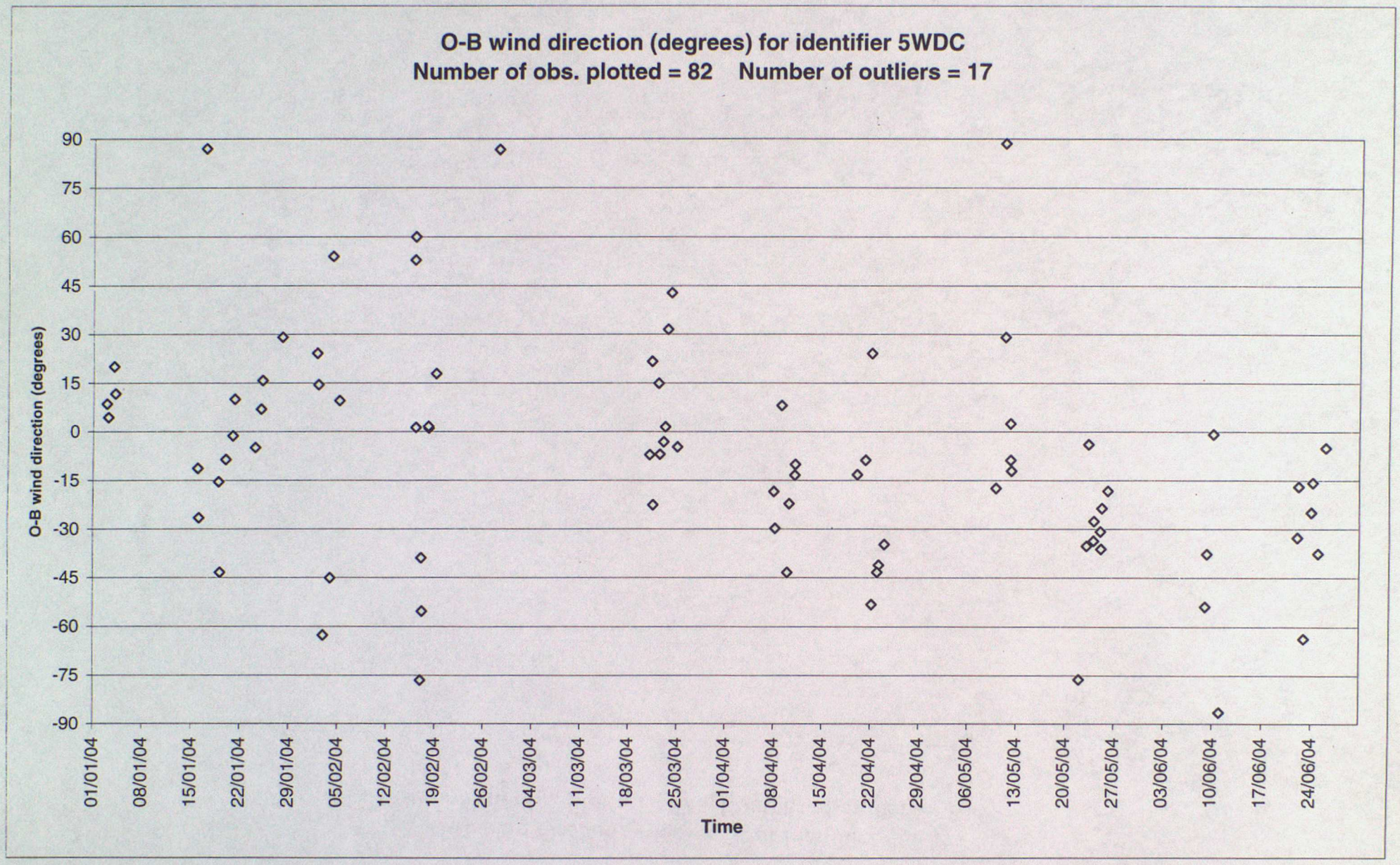
O-B wind direction (degrees) for identifier 45144
Number of obs. plotted = 316 Number of outliers = 40
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

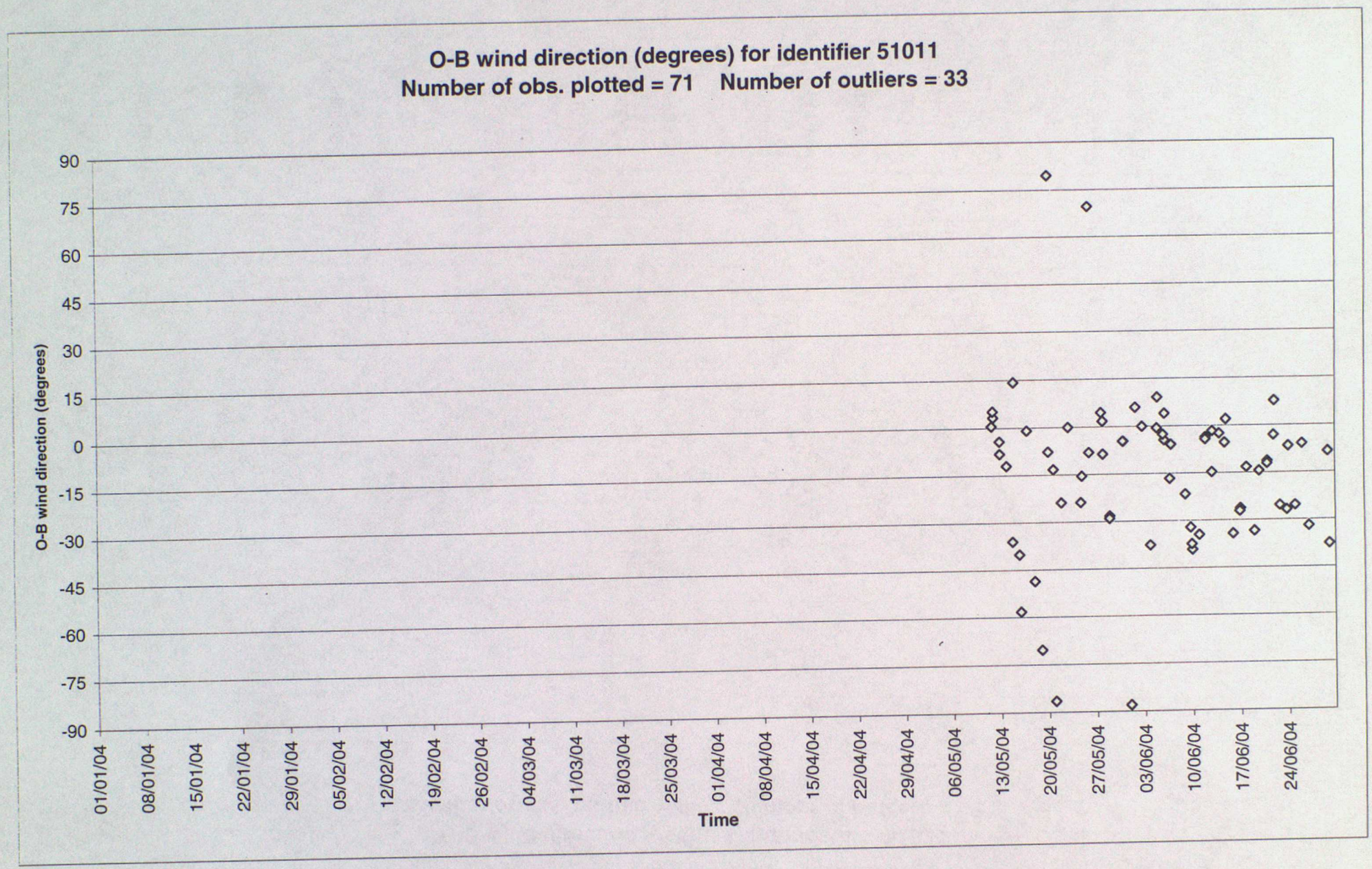

O-B wind direction (degrees) for identifier 45145
Number of obs. plotted = 477 Number of outliers = 69
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

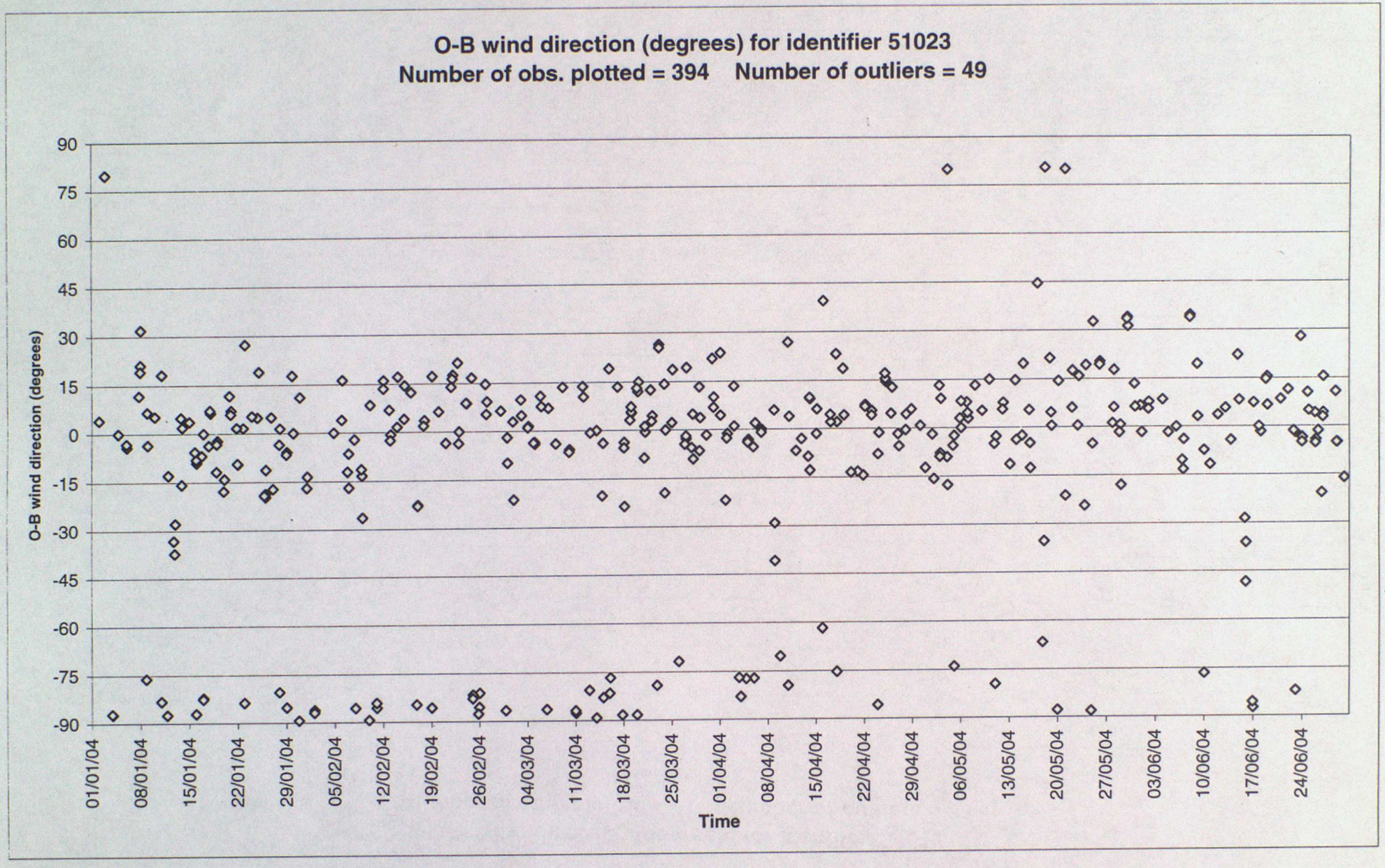

O-B wind direction (degrees) for identifier 46053
Number of obs. plotted = 984 Number of outliers = 393
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier 46081
Number of obs. plotted = 2388 Number of outliers = 1724
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

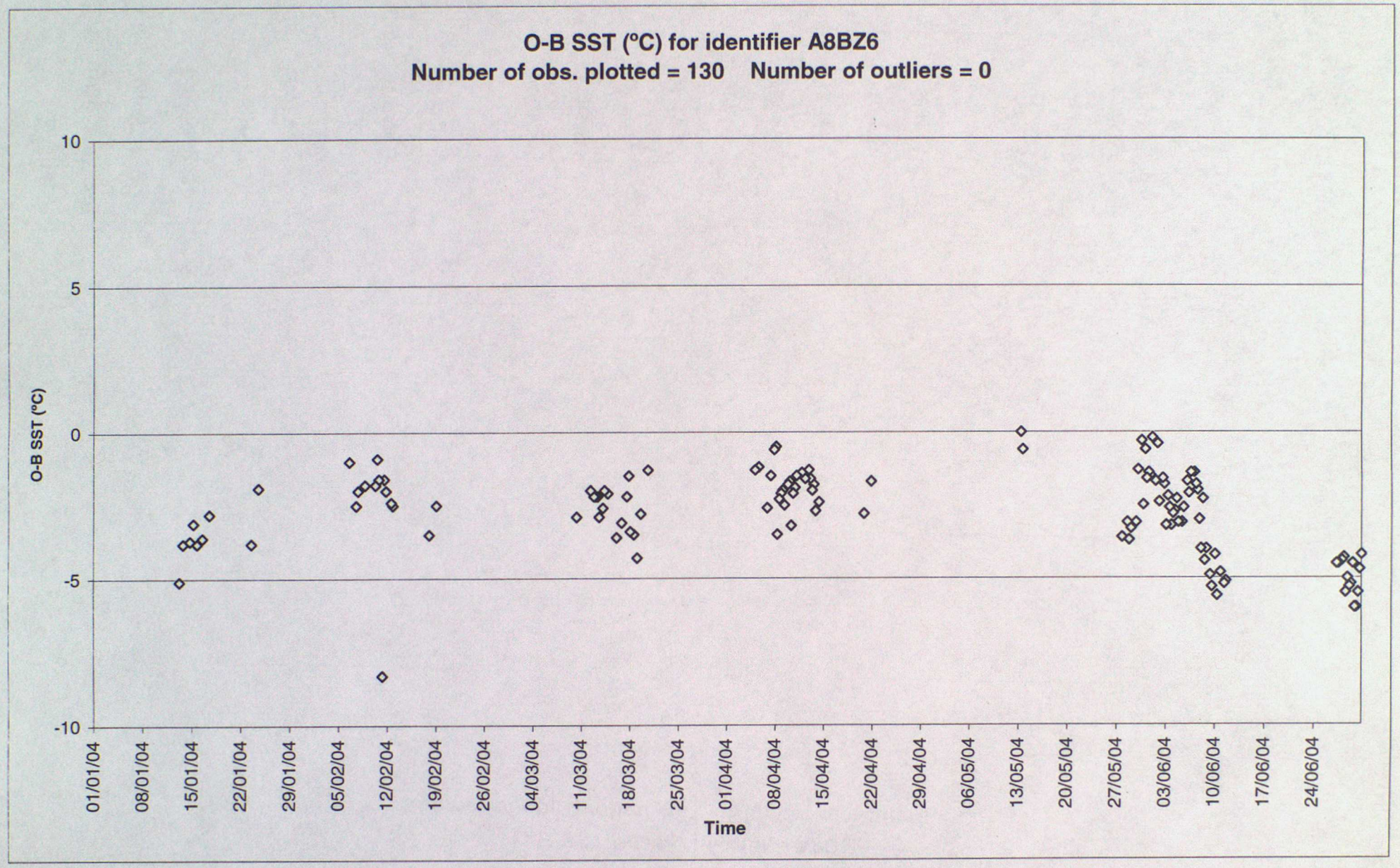

O-B wind direction (degrees) for identifier 48613
Number of obs. plotted = 37 Number of outliers = 344
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier 5WDC
Number of obs. plotted = 82 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier 51011
Number of obs. plotted = 71 Number of outliers = 33
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B wind direction (degrees) for identifier 51023
Number of obs. plotted = 394 Number of outliers = 49
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

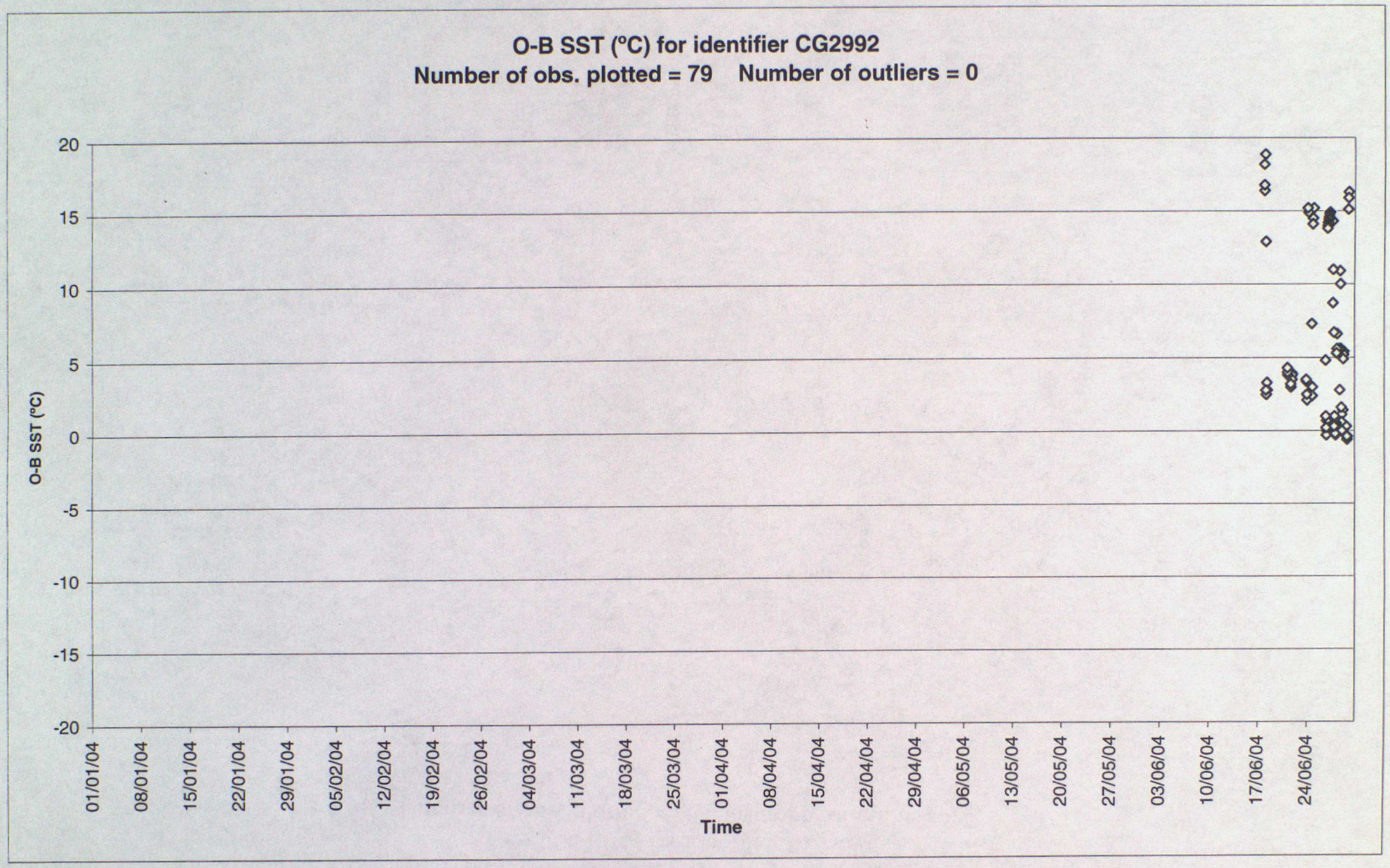
O-B SST (°C) for identifier A8CR8
Number of obs. plotted = 41 Number of outliers = 12
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier A8BZ6
Number of obs. plotted = 130 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier CFD3659
Number of obs. plotted = 2001 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

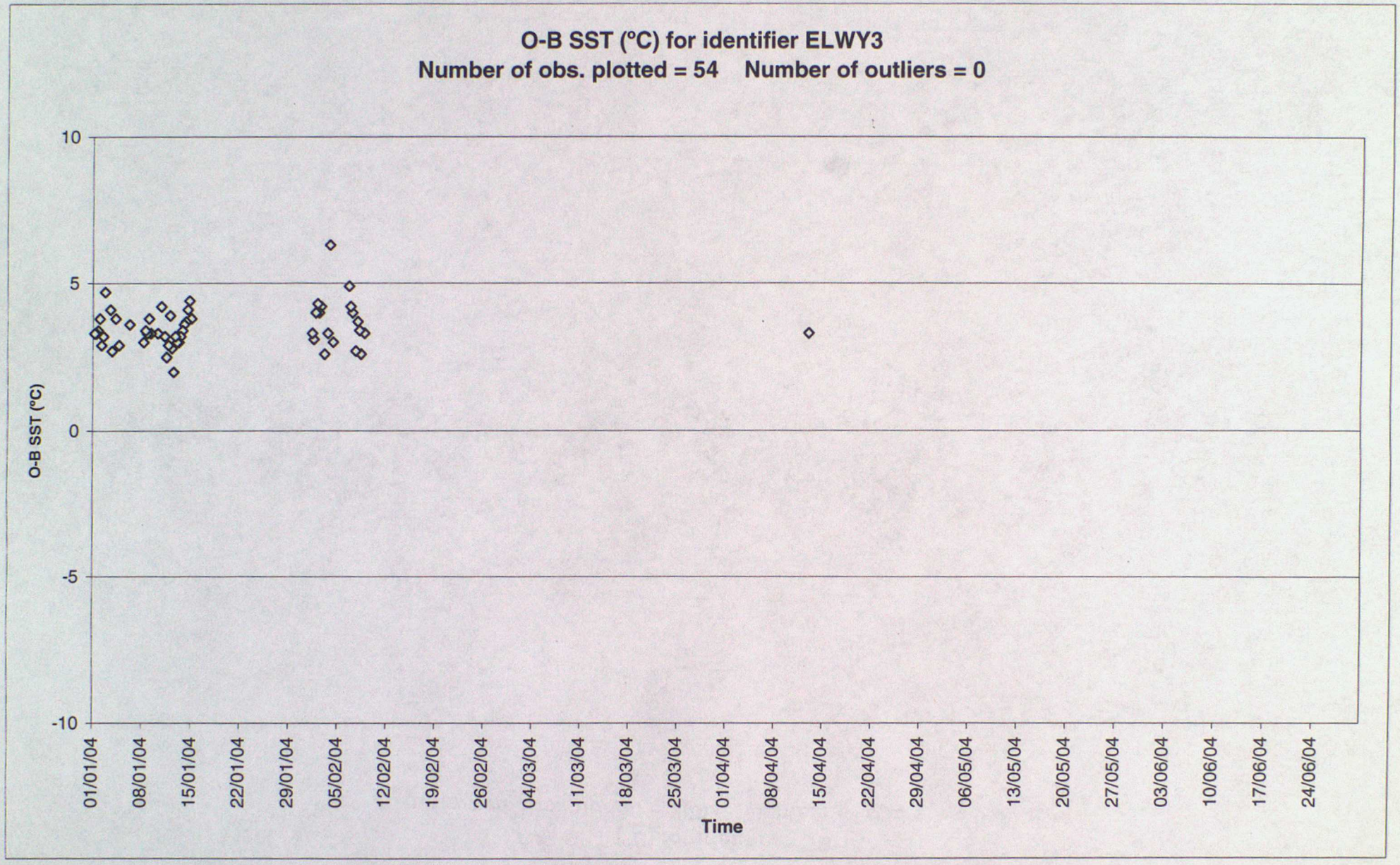
O-B SST (°C) for identifier CGDR
Number of obs. plotted = 290 Number of outliers = 14
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier CG2350
Number of obs. plotted = 452 Number of outliers = 5
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

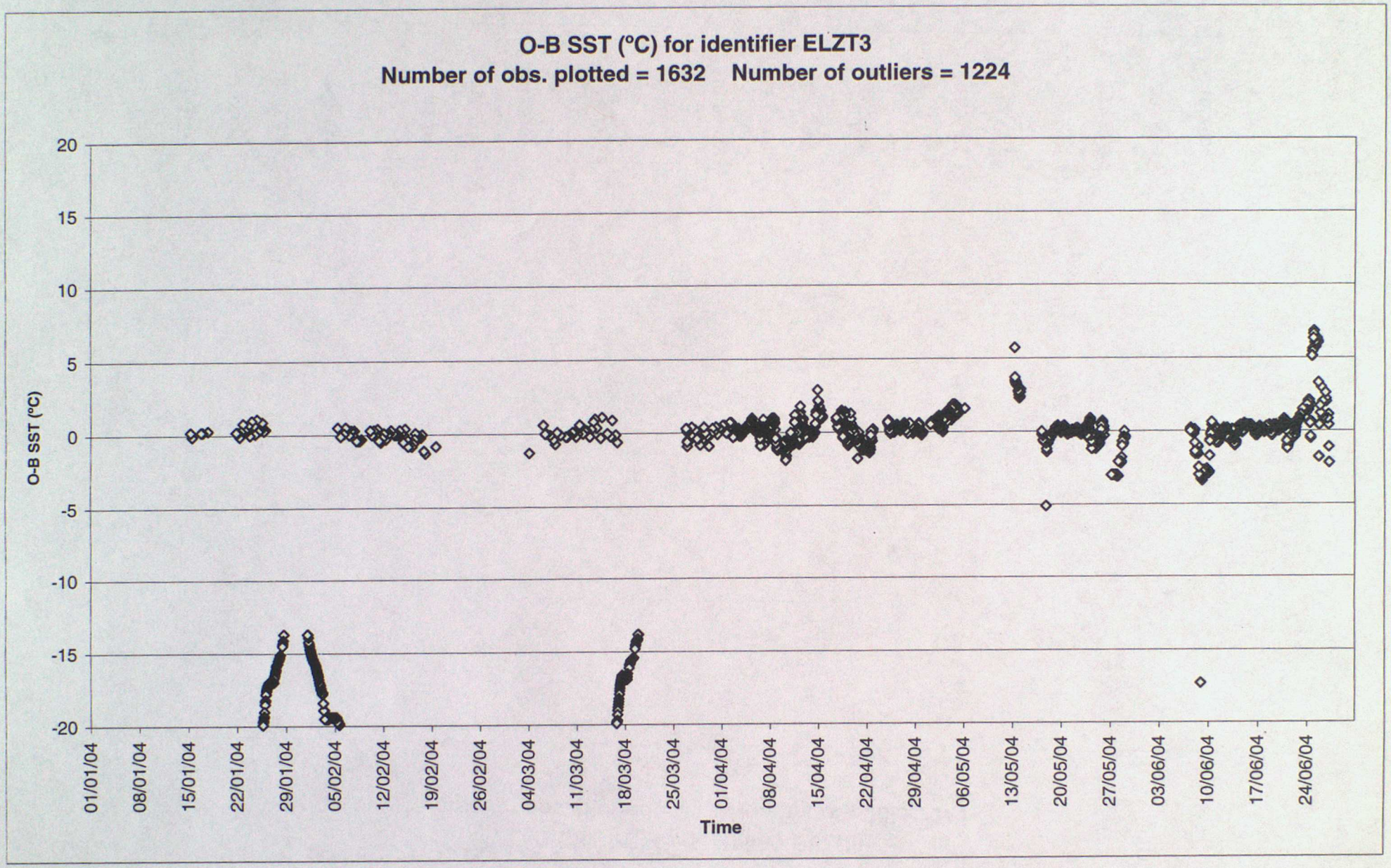

O-B SST (°C) for identifier CG2992
Number of obs. plotted = 79 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier C6QO9
Number of obs. plotted = 71 Number of outliers = 2
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier DBBA
Number of obs. plotted = 3593 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier ELWY3
Number of obs. plotted = 54 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier ELZH9
Number of obs. plotted = 80 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier ELZT3
Number of obs. plotted = 1632 Number of outliers = 1224
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier FNJI
Number of obs. plotted = 435 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier GQVJ
Number of obs. plotted = 122 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier H3SM
Number of obs. plotted = 345 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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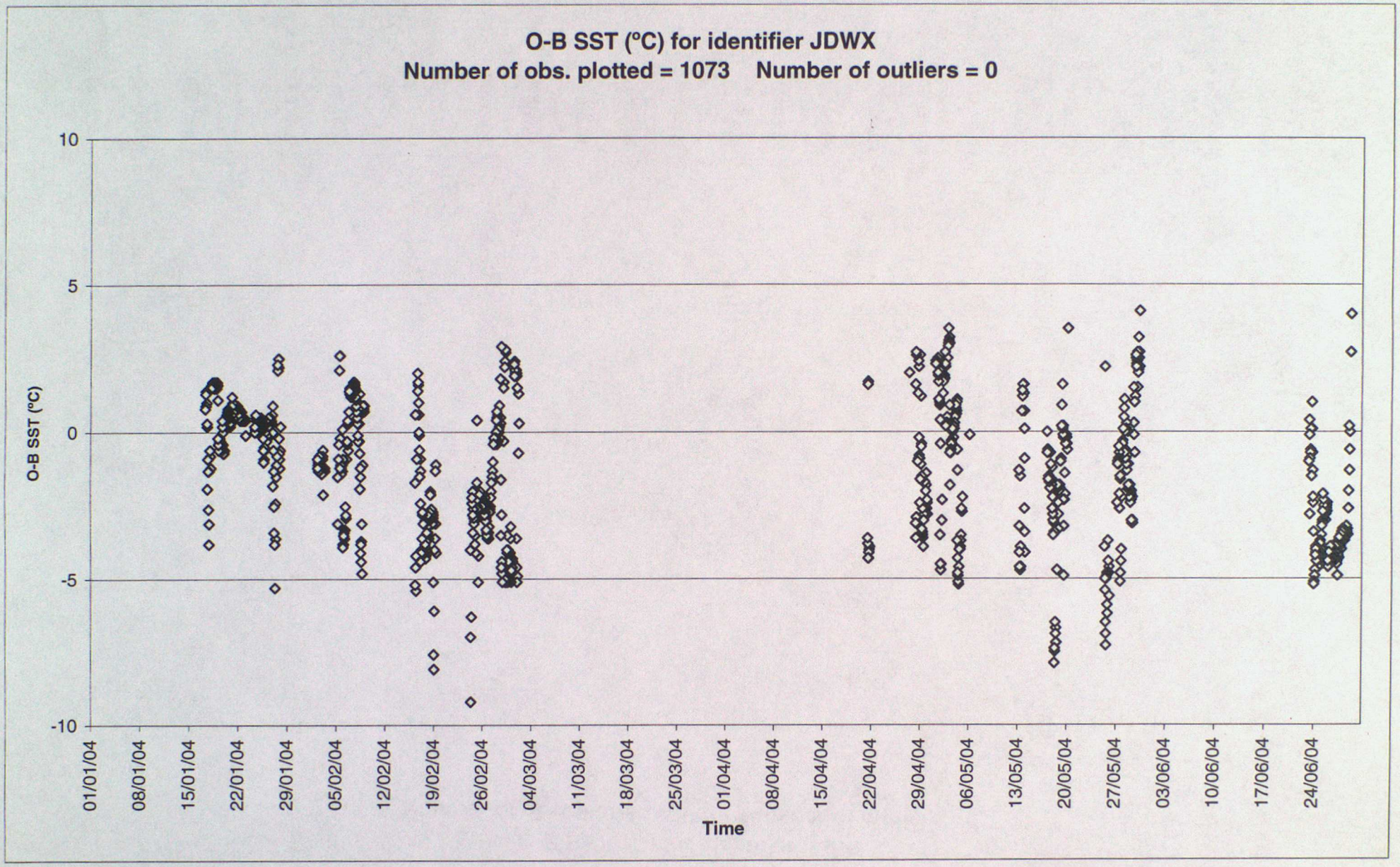
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier JDWX
Number of obs. plotted = 1073 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier KGJD
Number of obs. plotted = 826 Number of outliers = 695
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier KGJX
Number of obs. plotted = 293 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier KHRC
Number of obs. plotted = 132 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier KRPB
Number of obs. plotted = 271 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier KS001
Number of obs. plotted = 151 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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20/05/04
27/05/04
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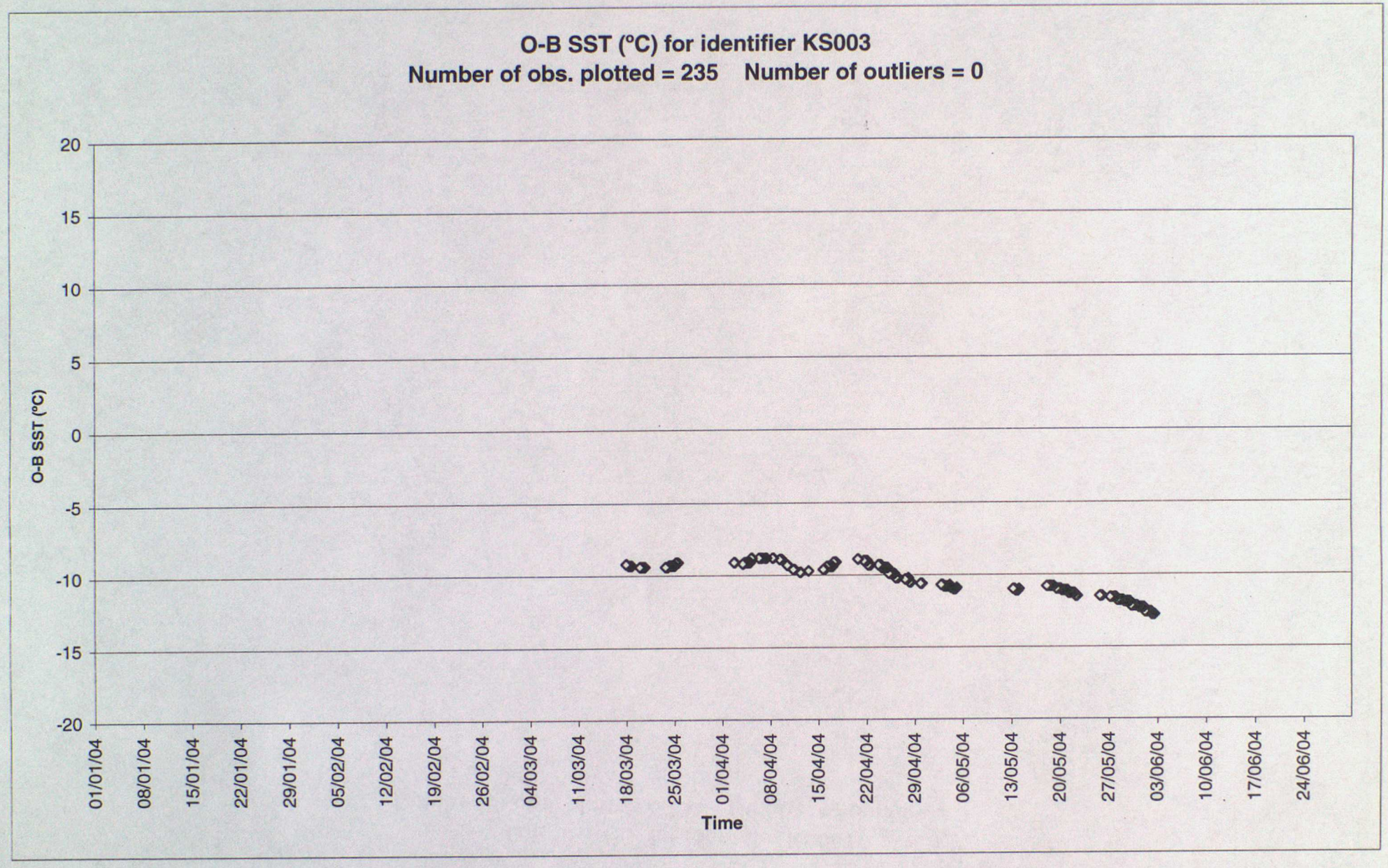
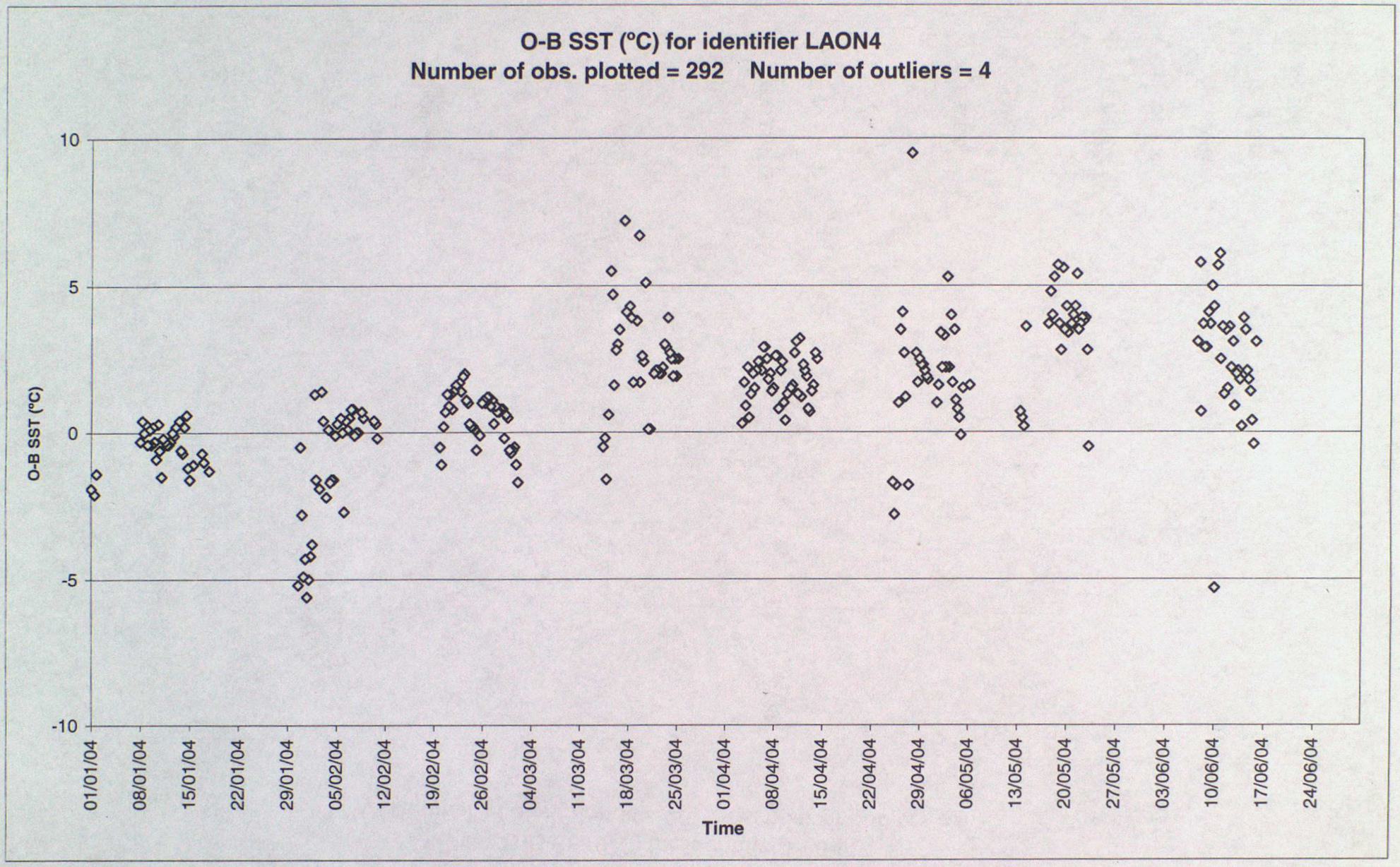
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier KS003
Number of obs. plotted = 235 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier KS011
Number of obs. plotted = 1111 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier KS035
Number of obs. plotted = 430 Number of outliers = 7
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier LAJV4
Number of obs. plotted = 207 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier LAON4
Number of obs. plotted = 292 Number of outliers = 4
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier OYZC
Number of obs. plotted = 129 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier PHPO
Number of obs. plotted = 50 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier PJVQ
Number of obs. plotted = 461 Number of outliers = 2
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier PPSV
Number of obs. plotted = 96 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier P3FX6
Number of obs. plotted = 148 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier P3GT9
Number of obs. plotted = 111 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier SLCH
Number of obs. plotted = 118 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier SWKV
Number of obs. plotted = 53 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier TEST
Number of obs. plotted = 2 Number of outliers = 62
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier TFNA
Number of obs. plotted = 444 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier TSLN
Number of obs. plotted = 140 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier TSMU
Number of obs. plotted = 199 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UBAM
Number of obs. plotted = 59 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UBLX
Number of obs. plotted = 102 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UCAB
Number of obs. plotted = 138 Number of outliers = 2
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UCBM
Number of obs. plotted = 224 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UCJO
Number of obs. plotted = 51 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UCTZ
Number of obs. plotted = 48 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UCUO
Number of obs. plotted = 104 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UFLC
Number of obs. plotted = 138 Number of outliers = 9
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UHOM
Number of obs. plotted = 222 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier UHVW
Number of obs. plotted = 119 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier VOCJ
Number of obs. plotted = 1186 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier VSUA7
Number of obs. plotted = 98 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier V2AC6
Number of obs. plotted = 130 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier V2AI7
Number of obs. plotted = 115 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier V7DN3
Number of obs. plotted = 134 Number of outliers = 7
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier WAUY
Number of obs. plotted = 278 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier WCZ5528
Number of obs. plotted = 200 Number of outliers = 4
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier WCZ9380
Number of obs. plotted = 48 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier YJQA8
Number of obs. plotted = 286 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier ZCBU5
Number of obs. plotted = 76 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 12503
Number of obs. plotted = 2915 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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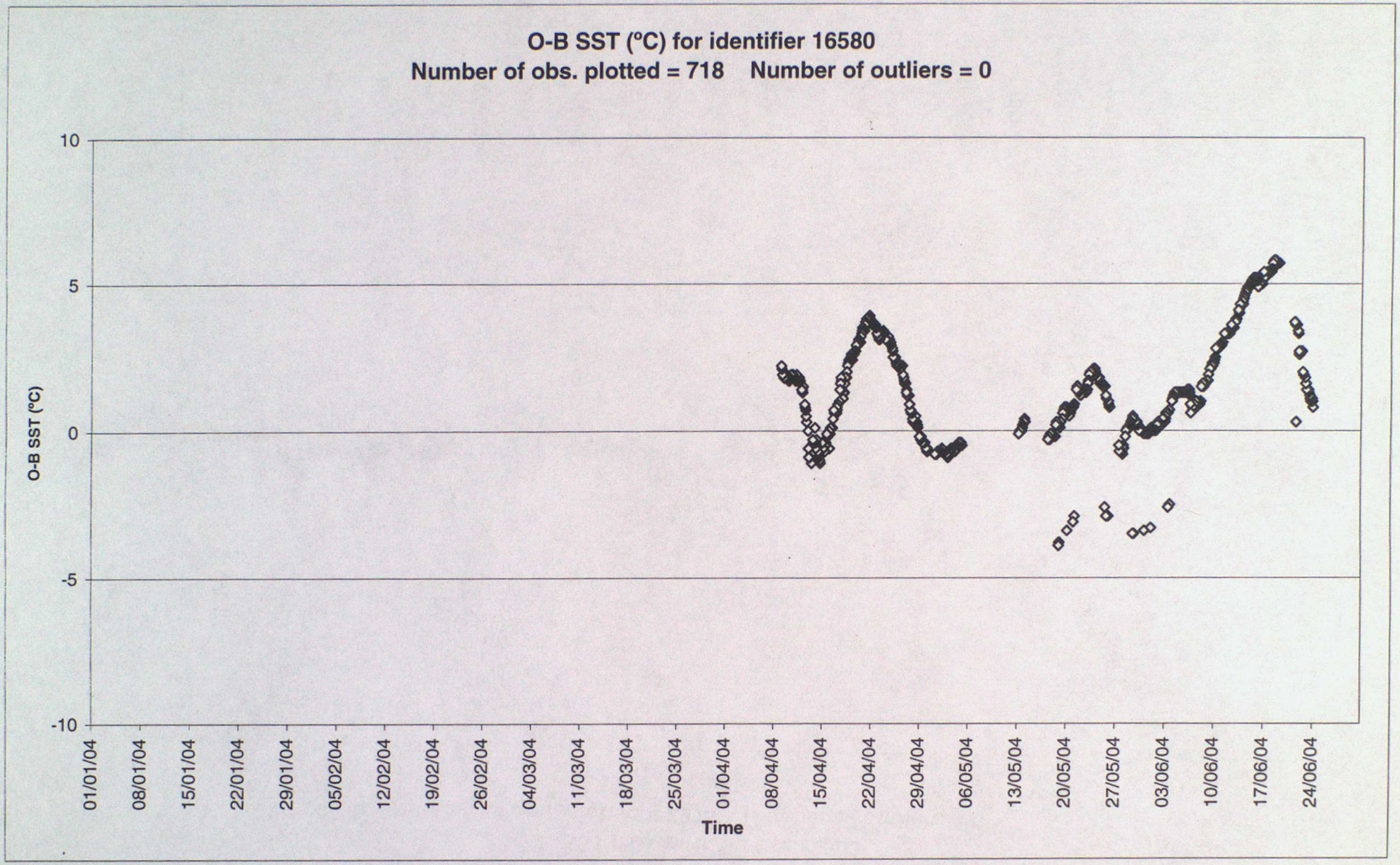
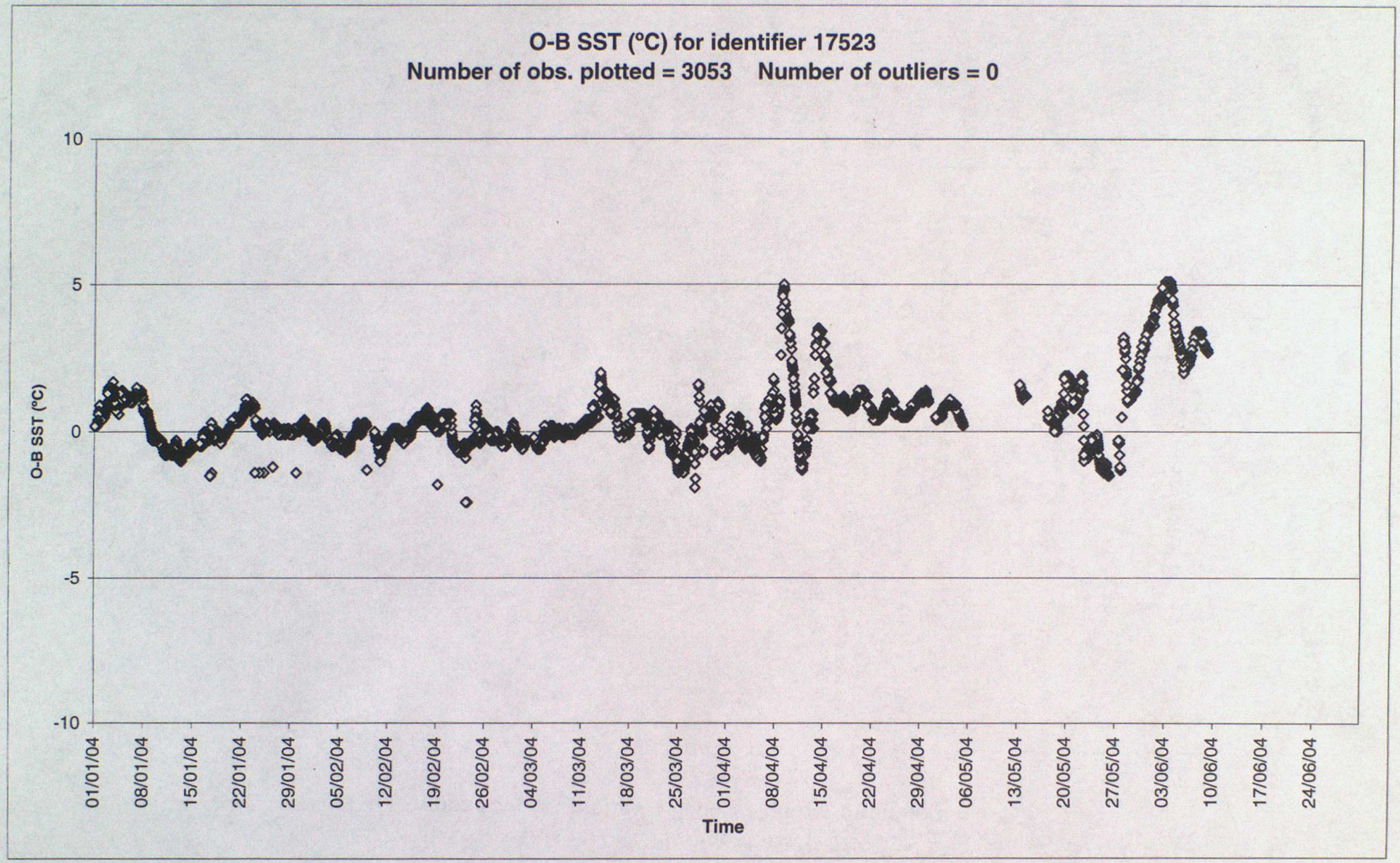
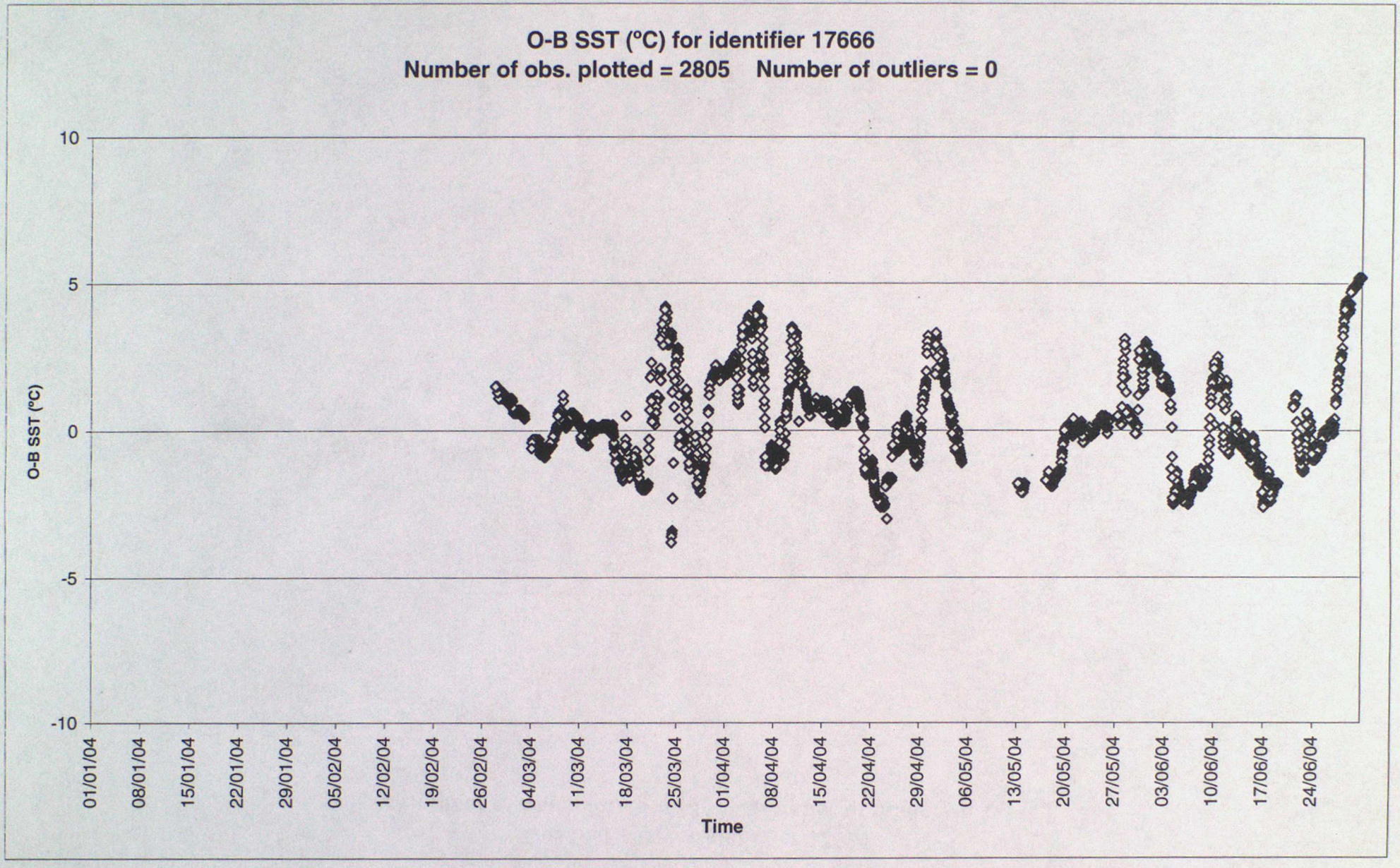
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 16580
Number of obs. plotted = 718 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

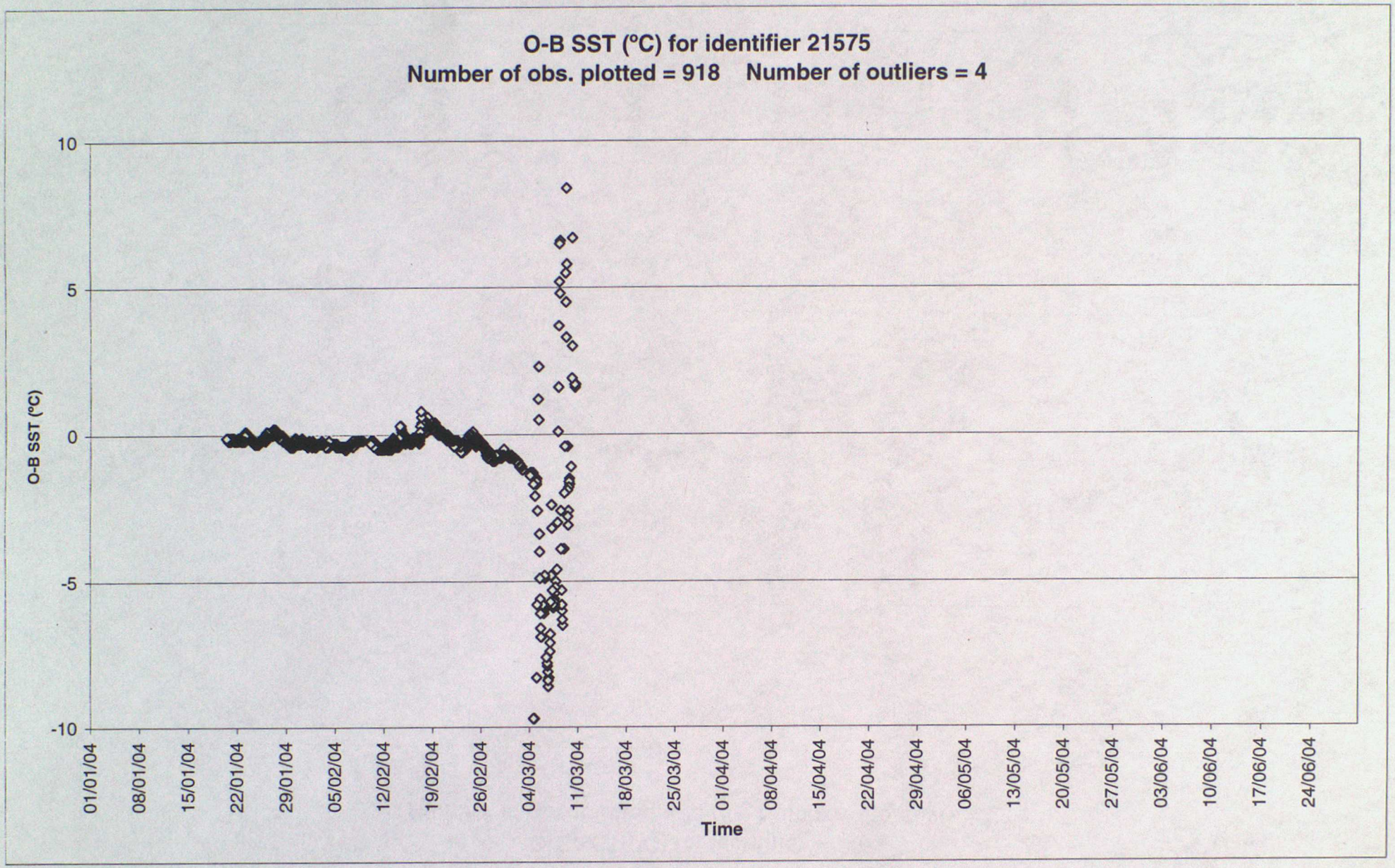
O-B SST (°C) for identifier 17522
Number of obs. plotted = 3800 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

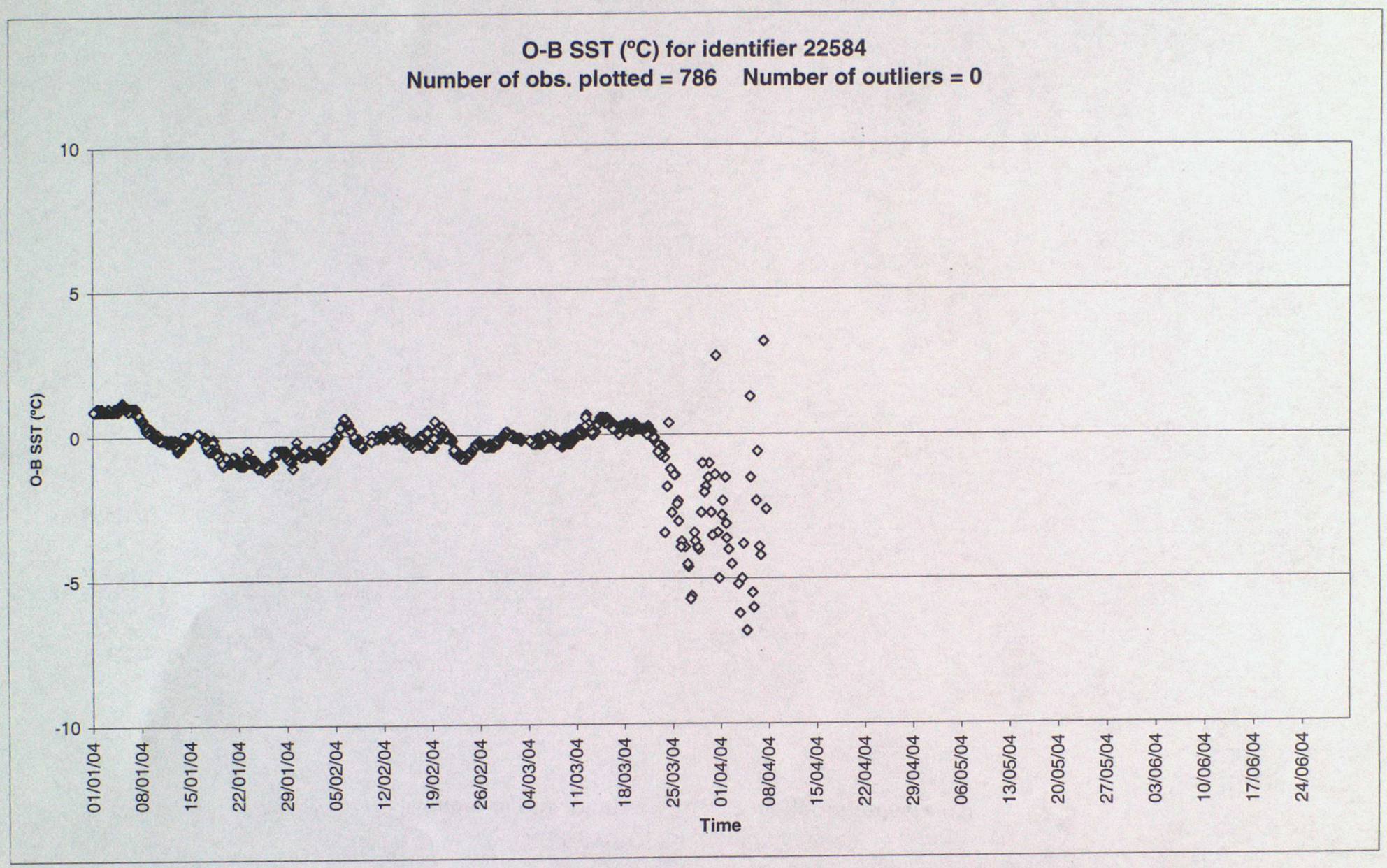

O-B SST (°C) for identifier 17523
Number of obs. plotted = 3053 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 17524
Number of obs. plotted = 3341 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 17666
Number of obs. plotted = 2805 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 17667
Number of obs. plotted = 1118 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 21575
Number of obs. plotted = 918 Number of outliers = 4
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

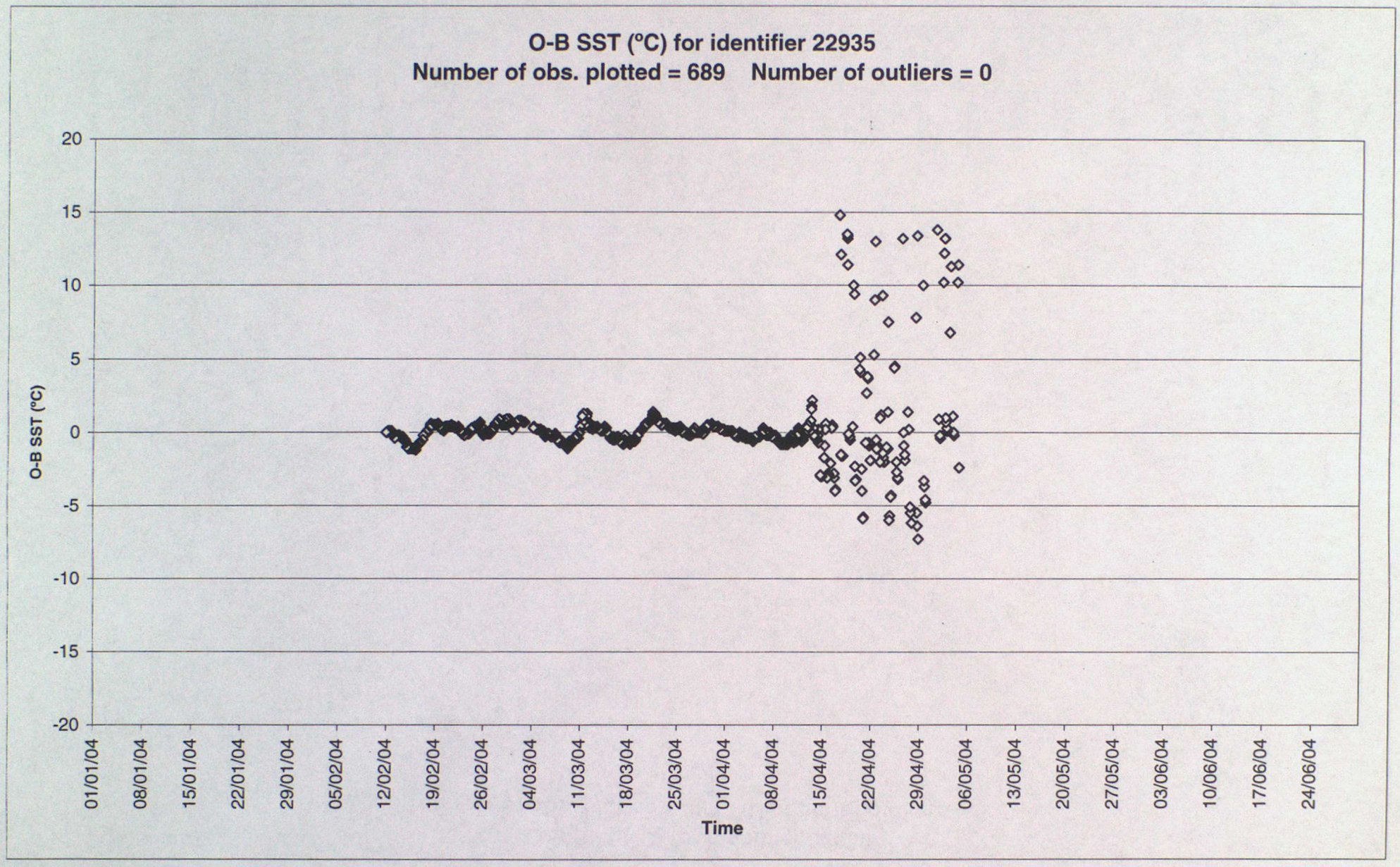

O-B SST (°C) for identifier 22584
Number of obs. plotted = 786 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 22923
Number of obs. plotted = 102 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 22925
Number of obs. plotted = 447 Number of outliers = 5
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 22926
Number of obs. plotted = 474 Number of outliers = 16
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 22930
Number of obs. plotted = 284 Number of outliers = 6
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 22935
Number of obs. plotted = 689 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 23697
Number of obs. plotted = 437 Number of outliers = 9
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 3FDV6
Number of obs. plotted = 92 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 3FHT4
Number of obs. plotted = 74 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 3FKM8
Number of obs. plotted = 72 Number of outliers = 24
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 3FOW2
Number of obs. plotted = 72 Number of outliers = 7
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 3FPA6
Number of obs. plotted = 201 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 31056
Number of obs. plotted = 159 Number of outliers = 33
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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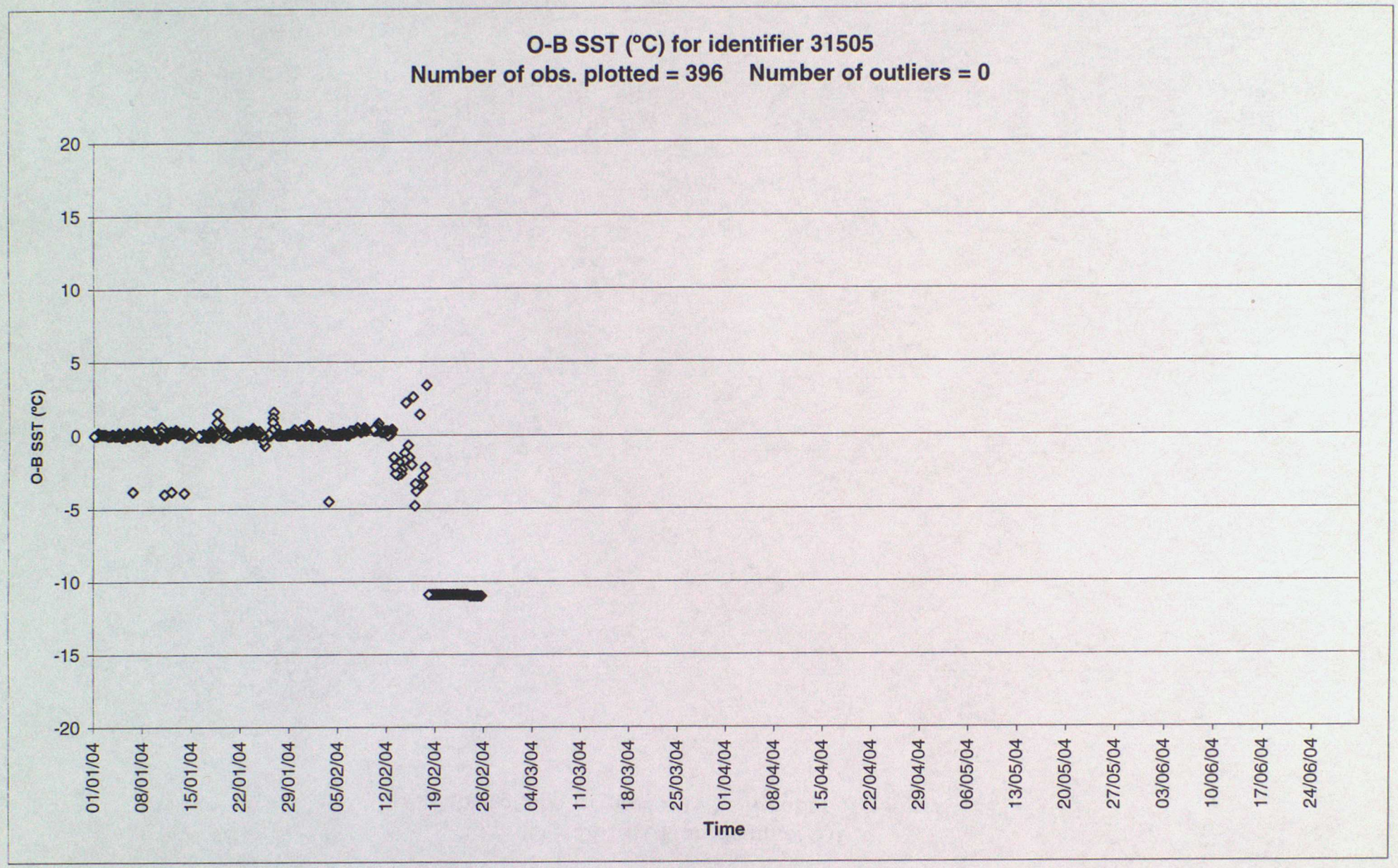
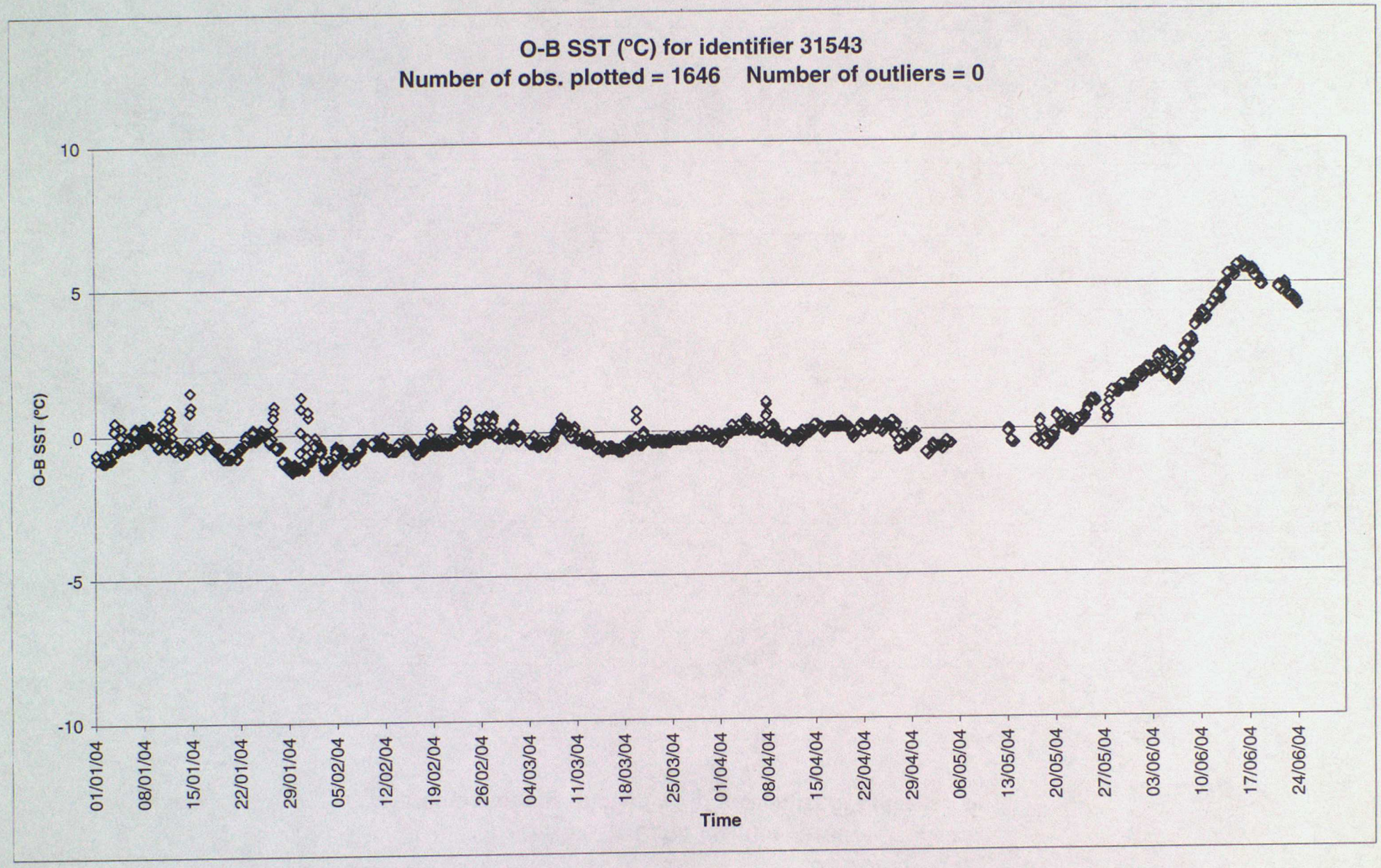
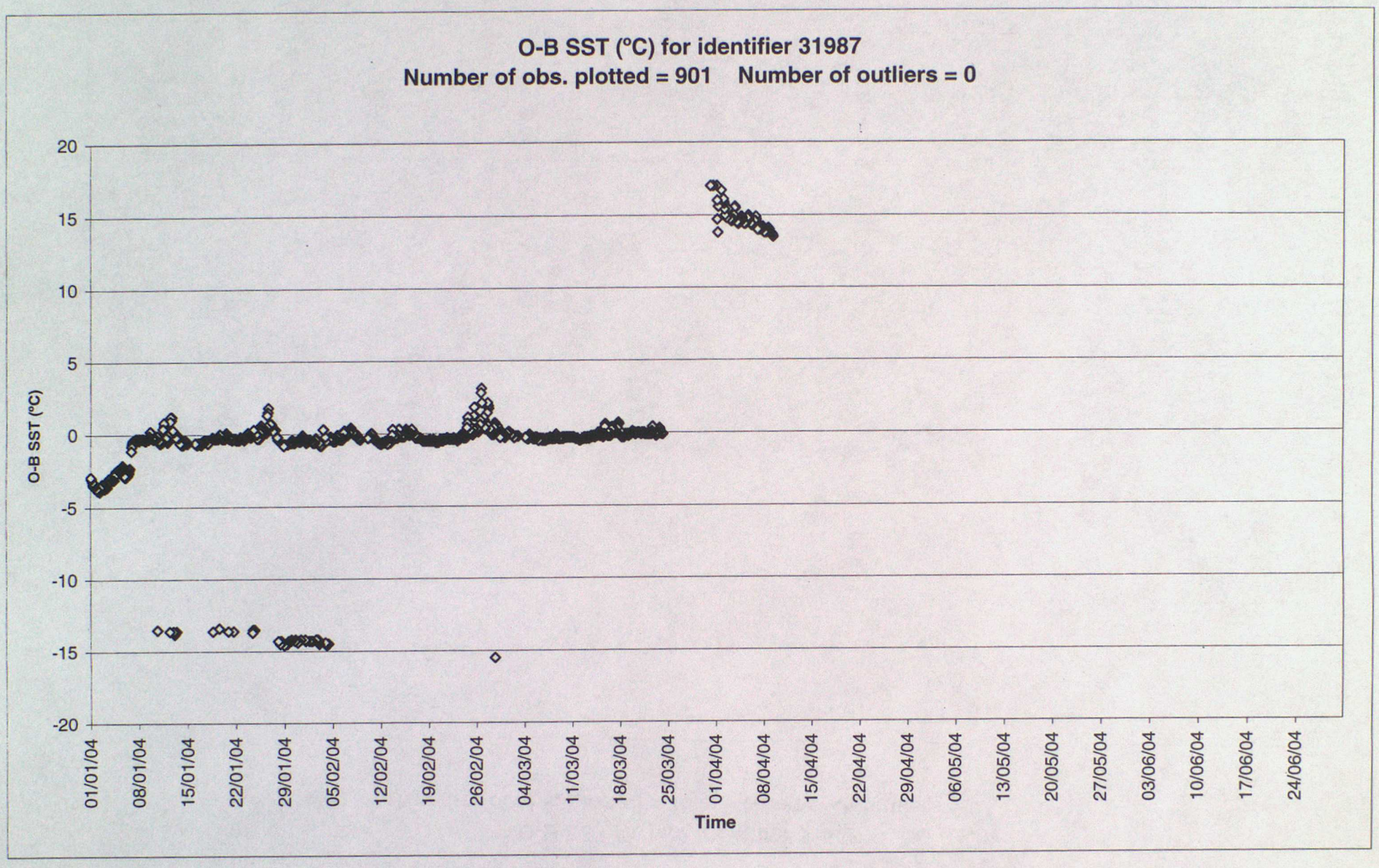
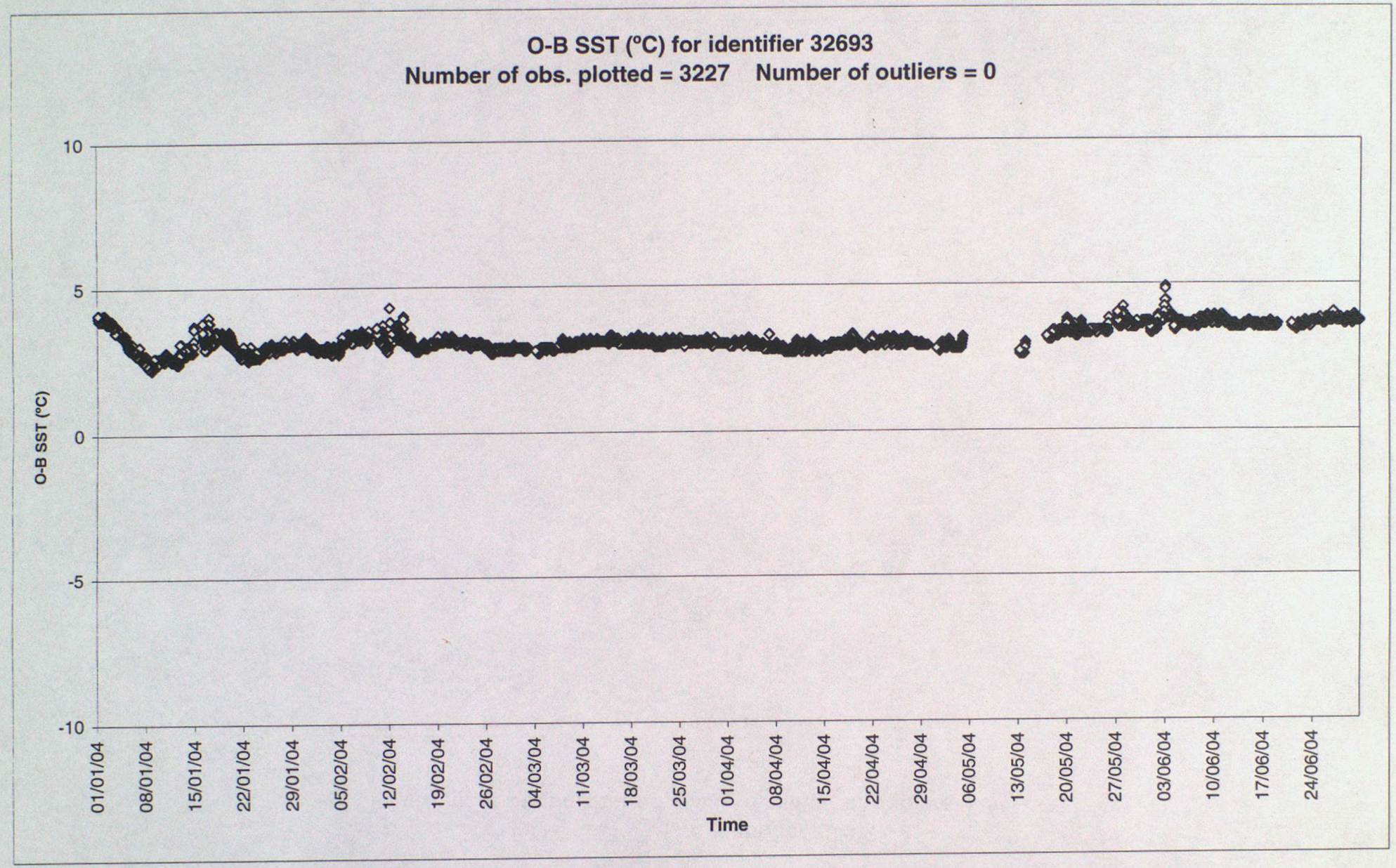
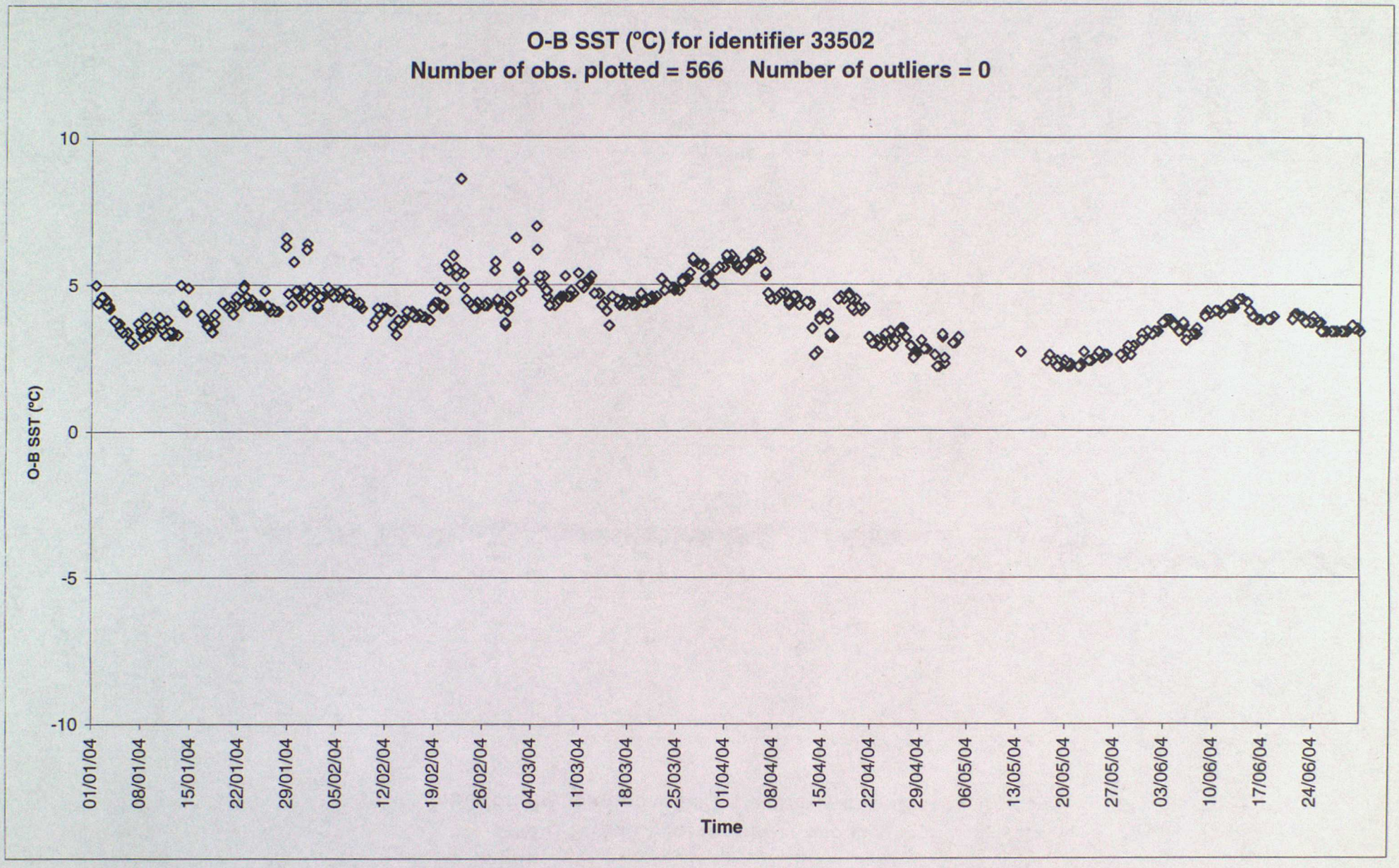
03/06/04
10/06/04
17/06/04
24/06/04

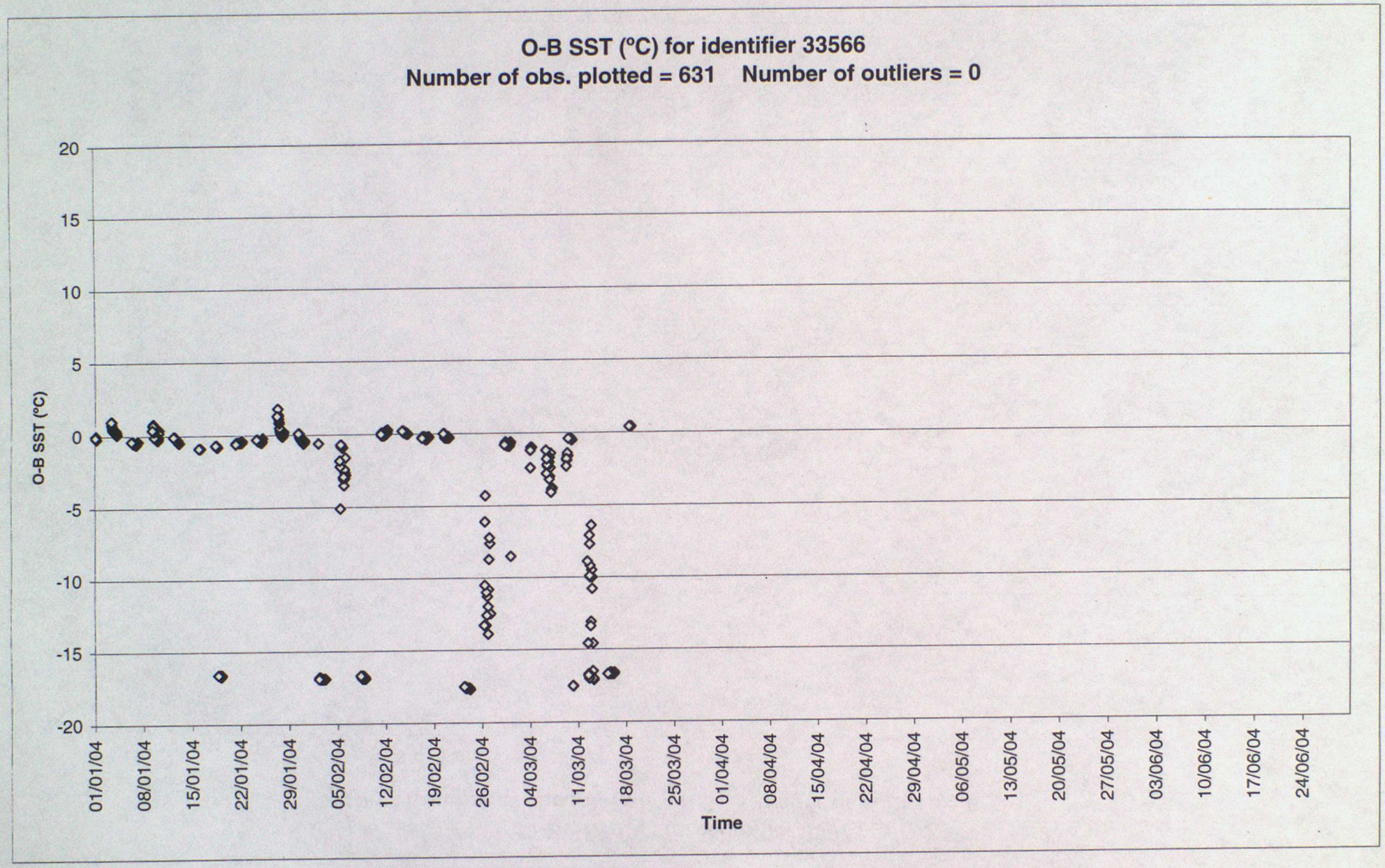

O-B SST (°C) for identifier 31505
Number of obs. plotted = 396 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

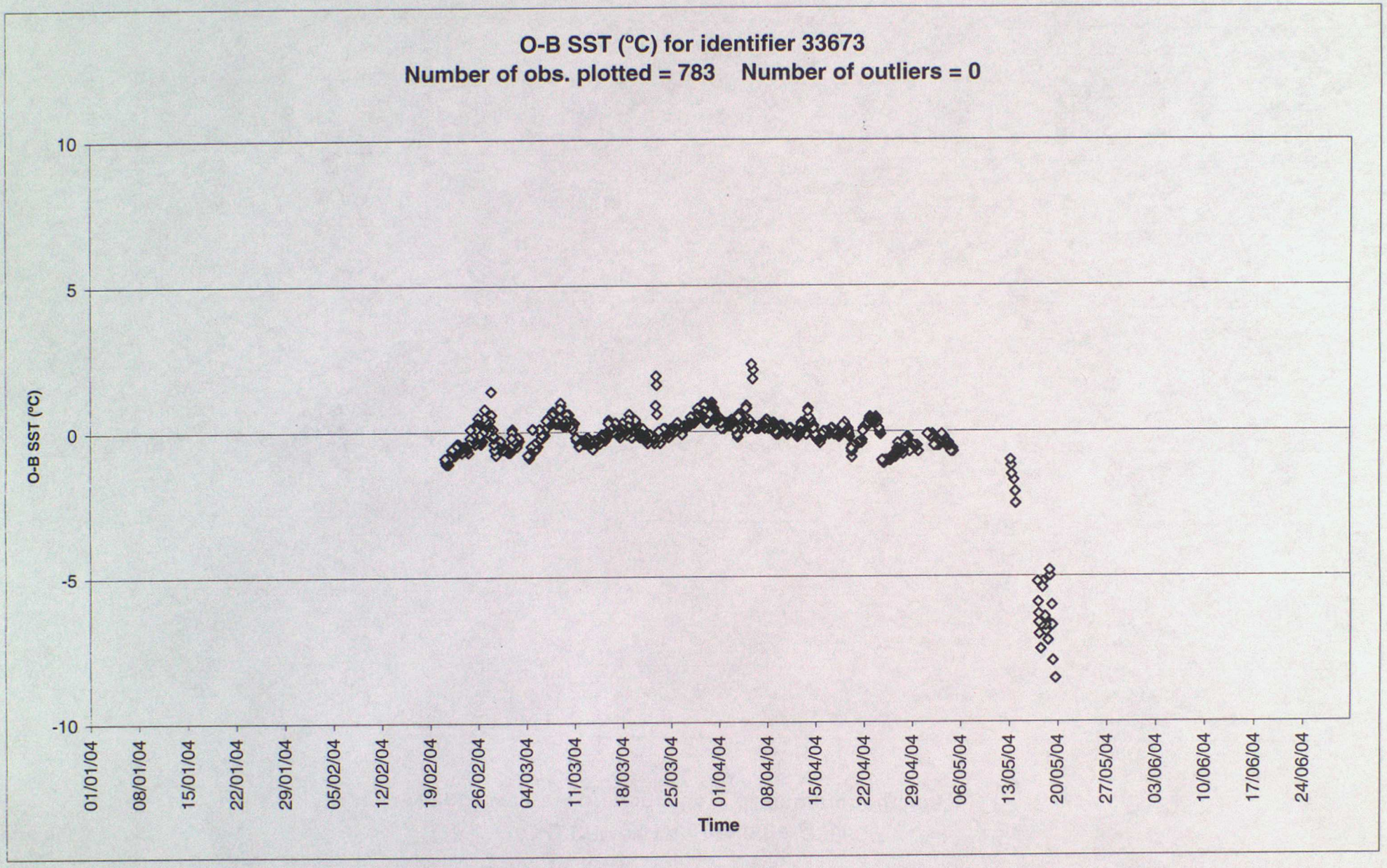

O-B SST (°C) for identifier 31543
Number of obs. plotted = 1646 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

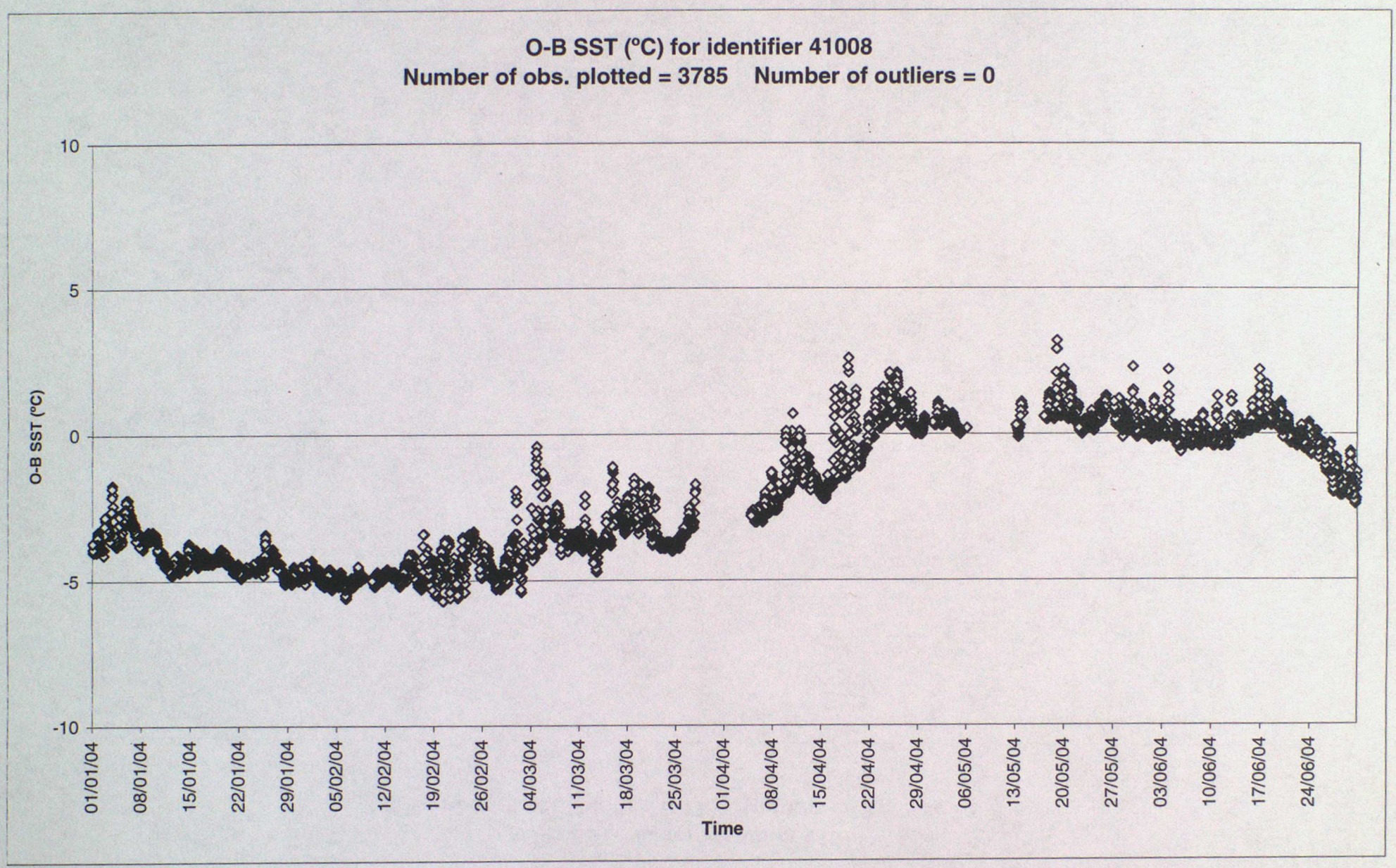

O-B SST (°C) for identifier 31987
Number of obs. plotted = 901 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 32693
Number of obs. plotted = 3227 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 33502
Number of obs. plotted = 566 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

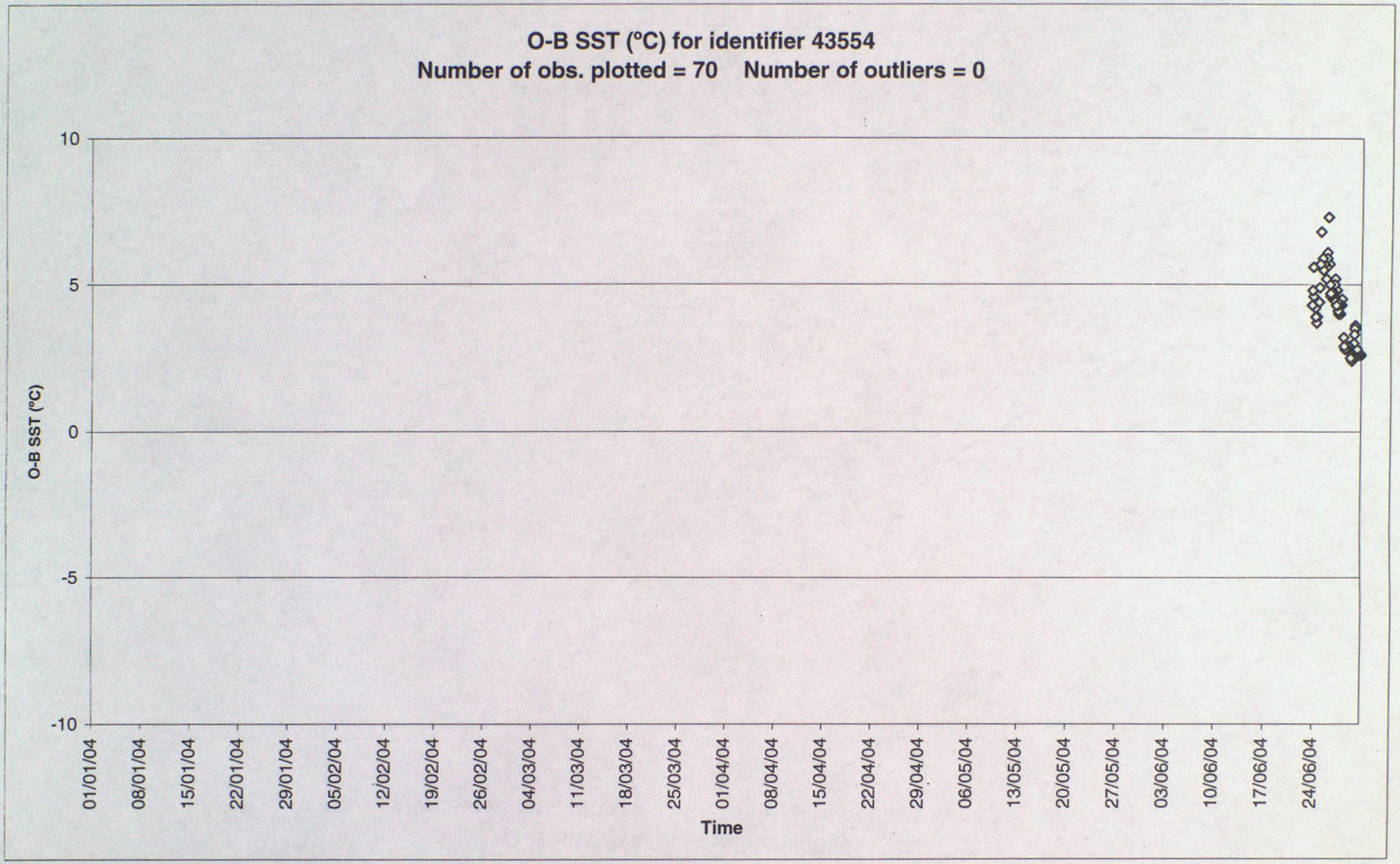

O-B SST (°C) for identifier 33566
Number of obs. plotted = 631 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 33673
Number of obs. plotted = 783 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

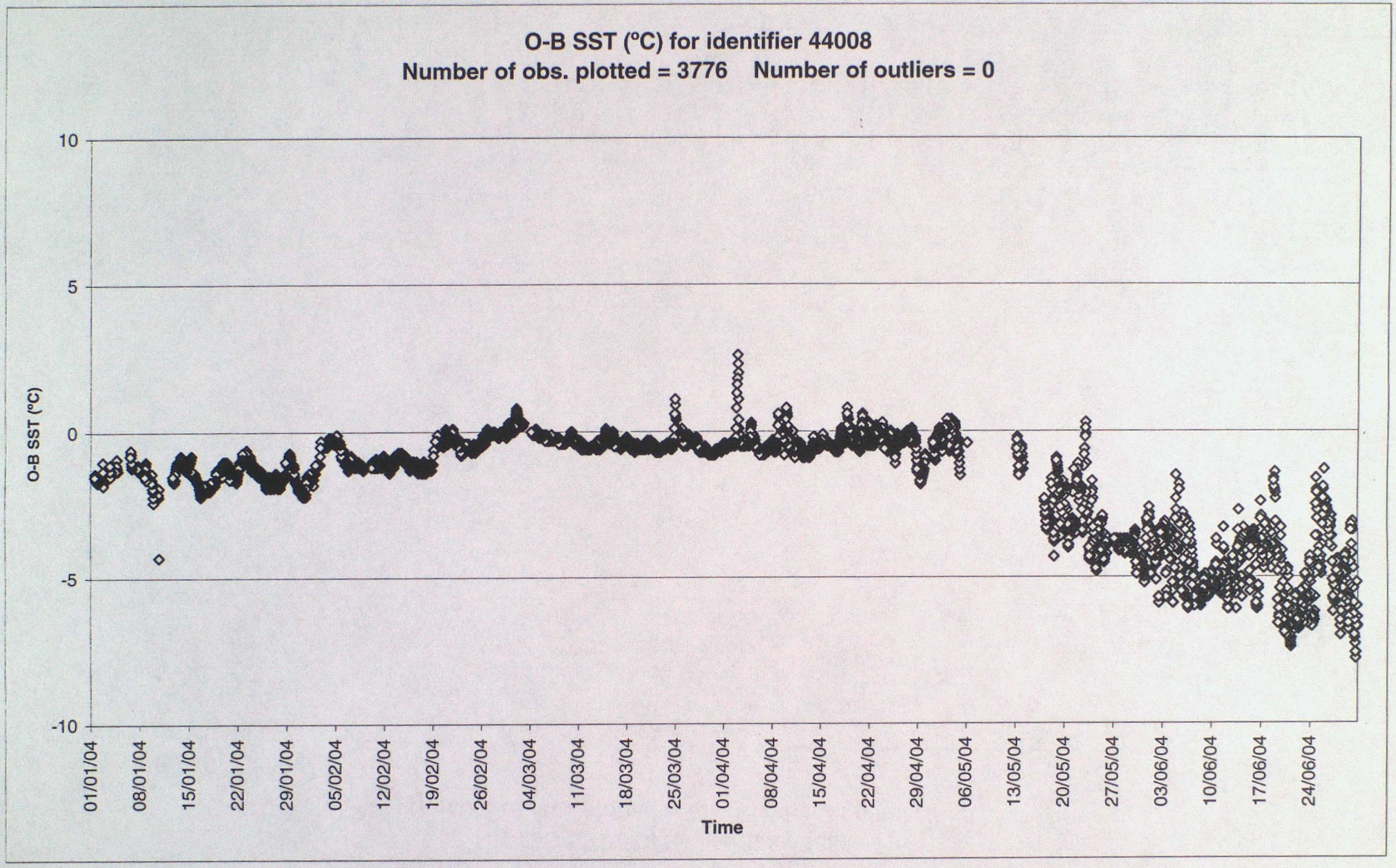

O-B SST (°C) for identifier 41008
Number of obs. plotted = 3785 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 41611
Number of obs. plotted = 438 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

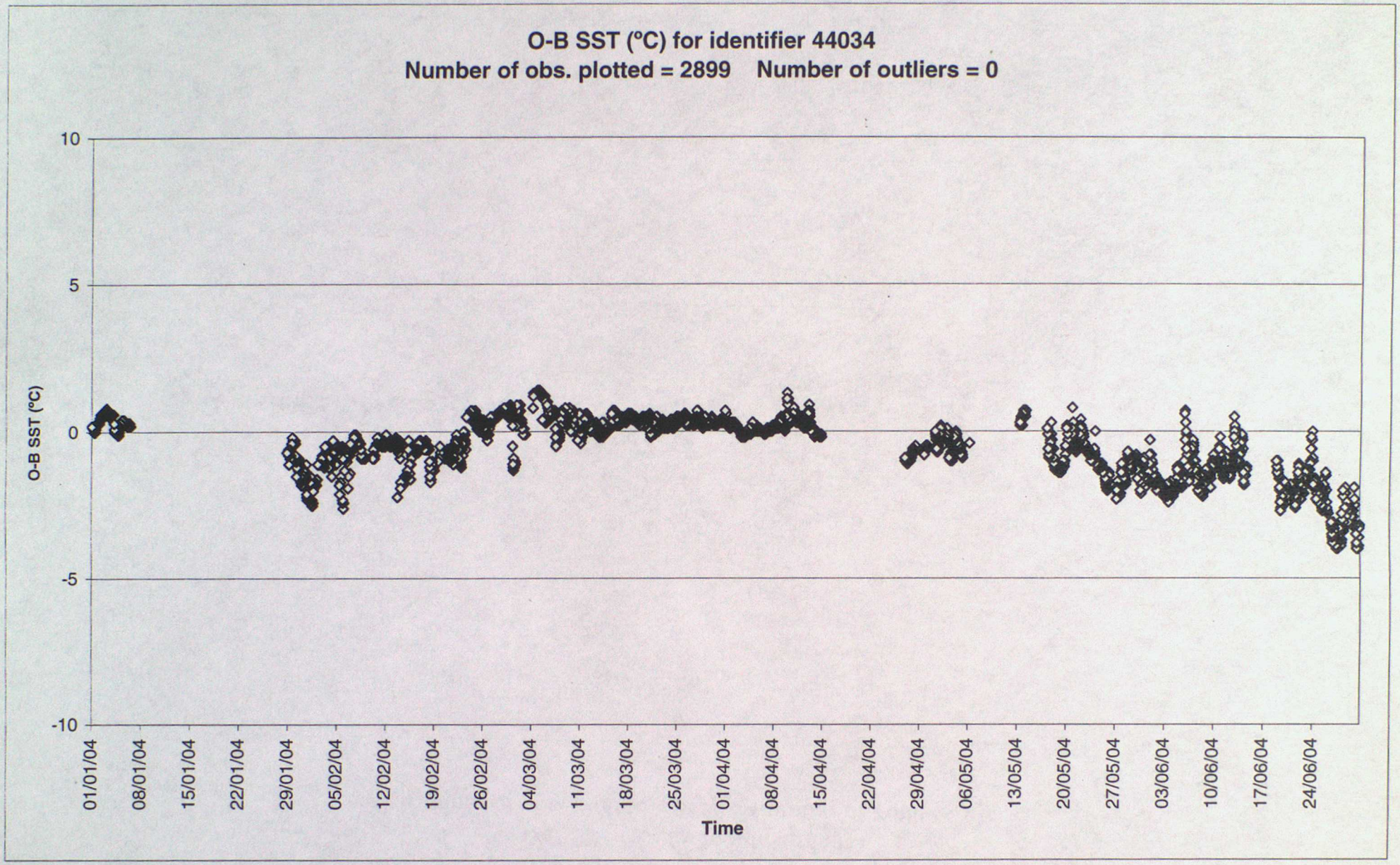
O-B SST (°C) for identifier 43535
Number of obs. plotted = 69 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 43554
Number of obs. plotted = 70 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 43563
Number of obs. plotted = 70 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

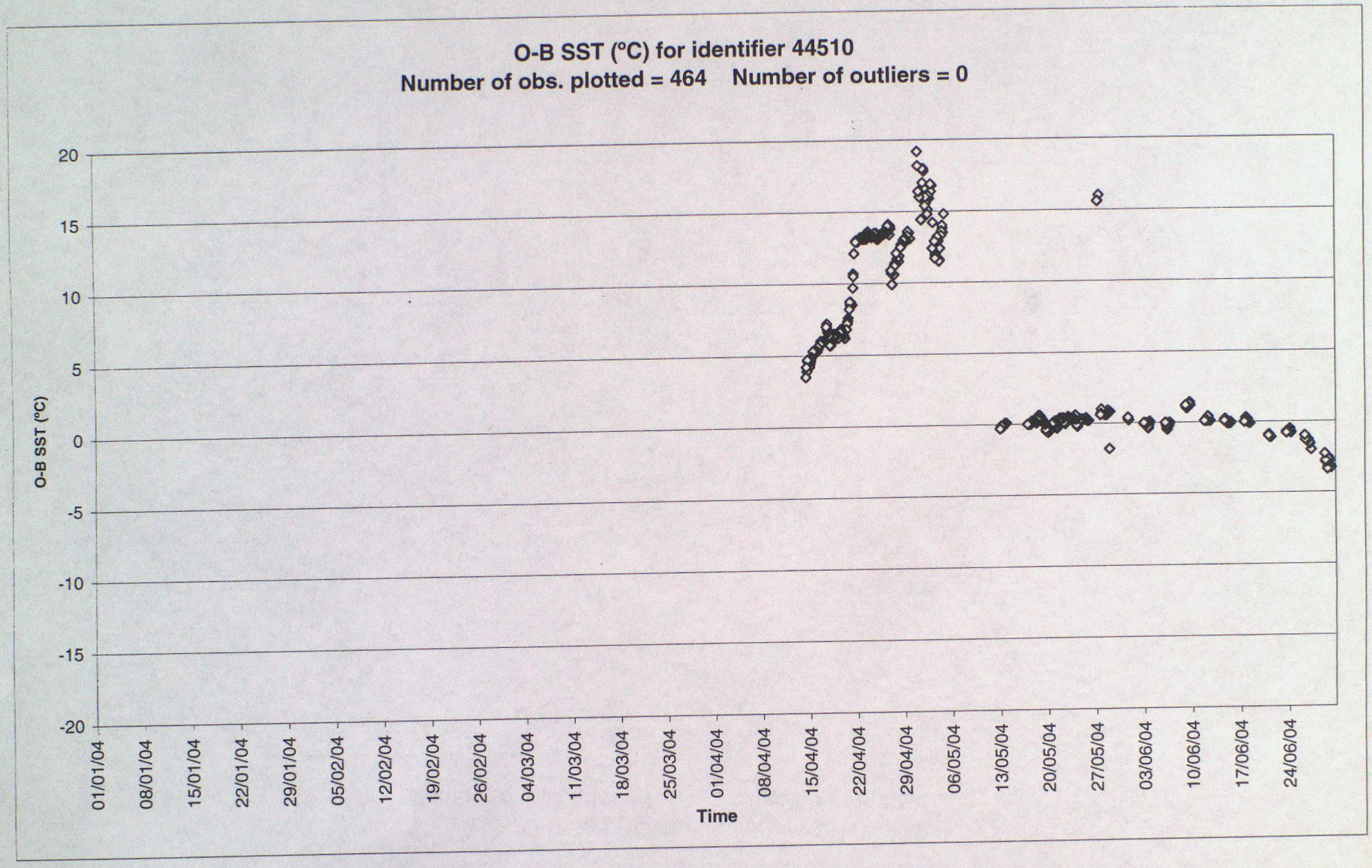

O-B SST (°C) for identifier 44008
Number of obs. plotted = 3776 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

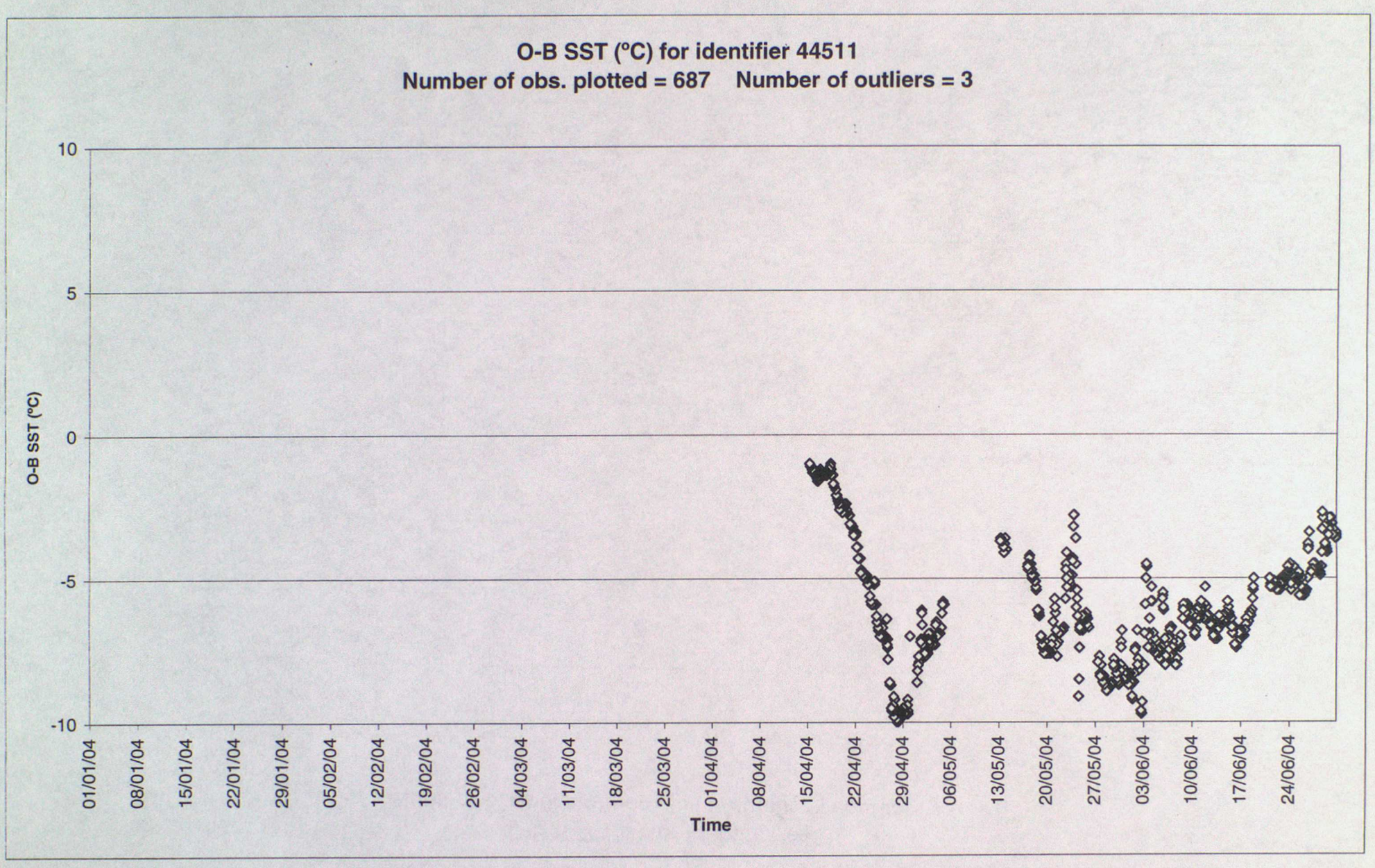
O-B SST (°C) for identifier 44011
Number of obs. plotted = 3698 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 44034
Number of obs. plotted = 2899 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 44161
Number of obs. plotted = 809 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 44251
Number of obs. plotted = 2235 Number of outliers = 5
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

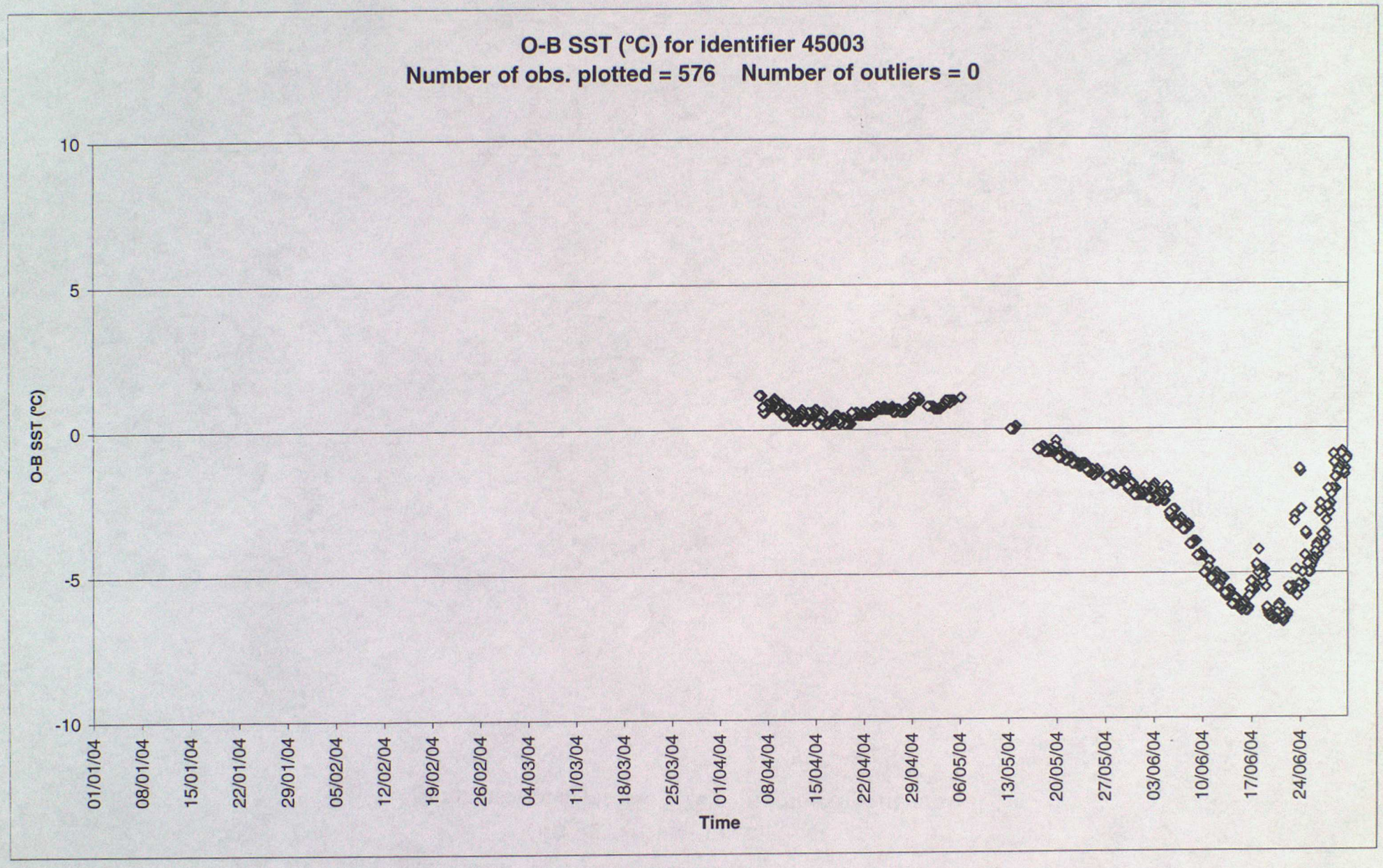

O-B SST (°C) for identifier 44510
Number of obs. plotted = 464 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 44511
Number of obs. plotted = 687 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 44614
Number of obs. plotted = 3683 Number of outliers = 16
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 44626
Number of obs. plotted = 885 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 44742
Number of obs. plotted = 709 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 45003
Number of obs. plotted = 576 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 45008
Number of obs. plotted = 561 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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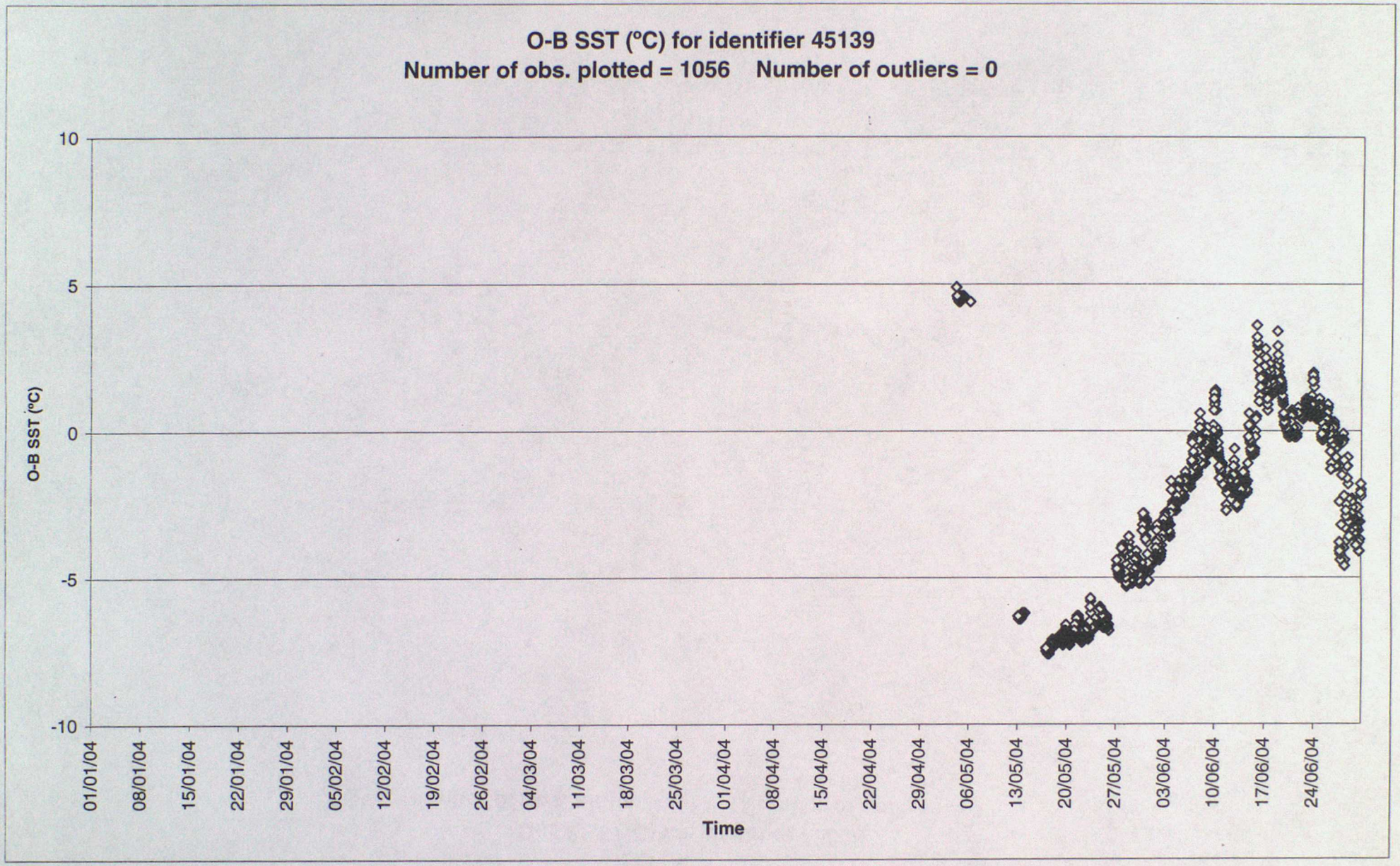
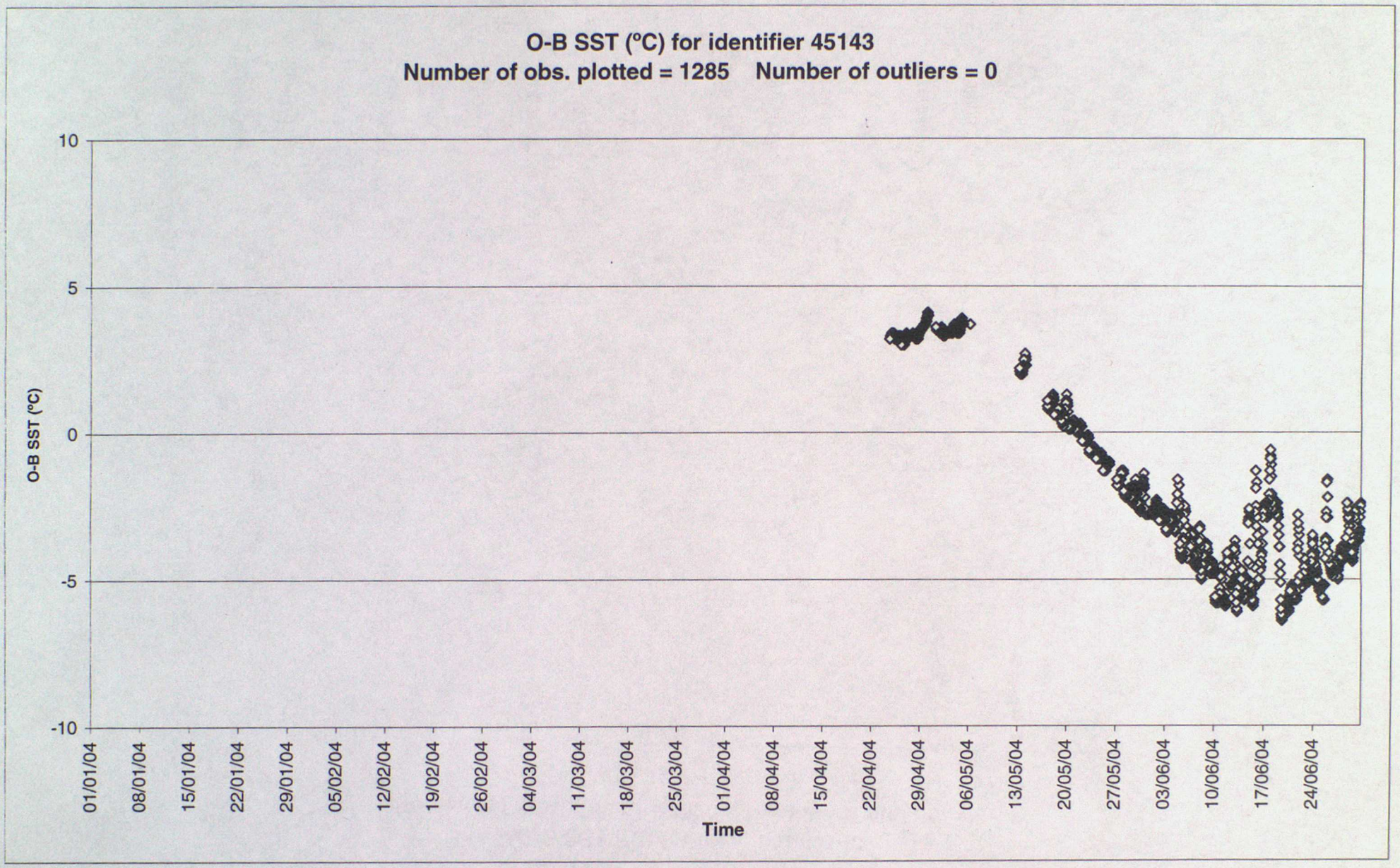
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 45139
Number of obs. plotted = 1056 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 45142
Number of obs. plotted = 1420 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 45143
Number of obs. plotted = 1285 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 45144
Number of obs. plotted = 349 Number of outliers = 16
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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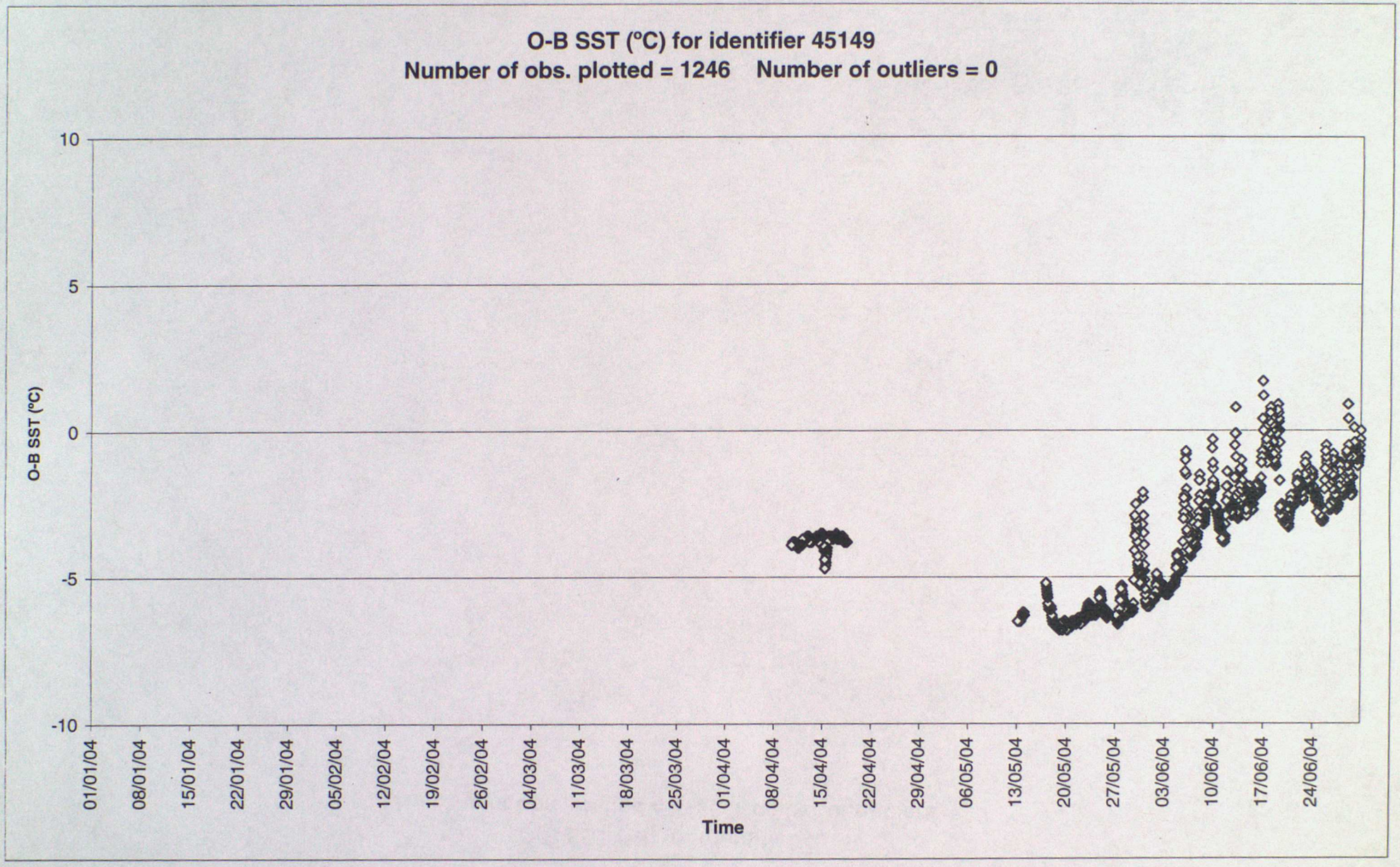
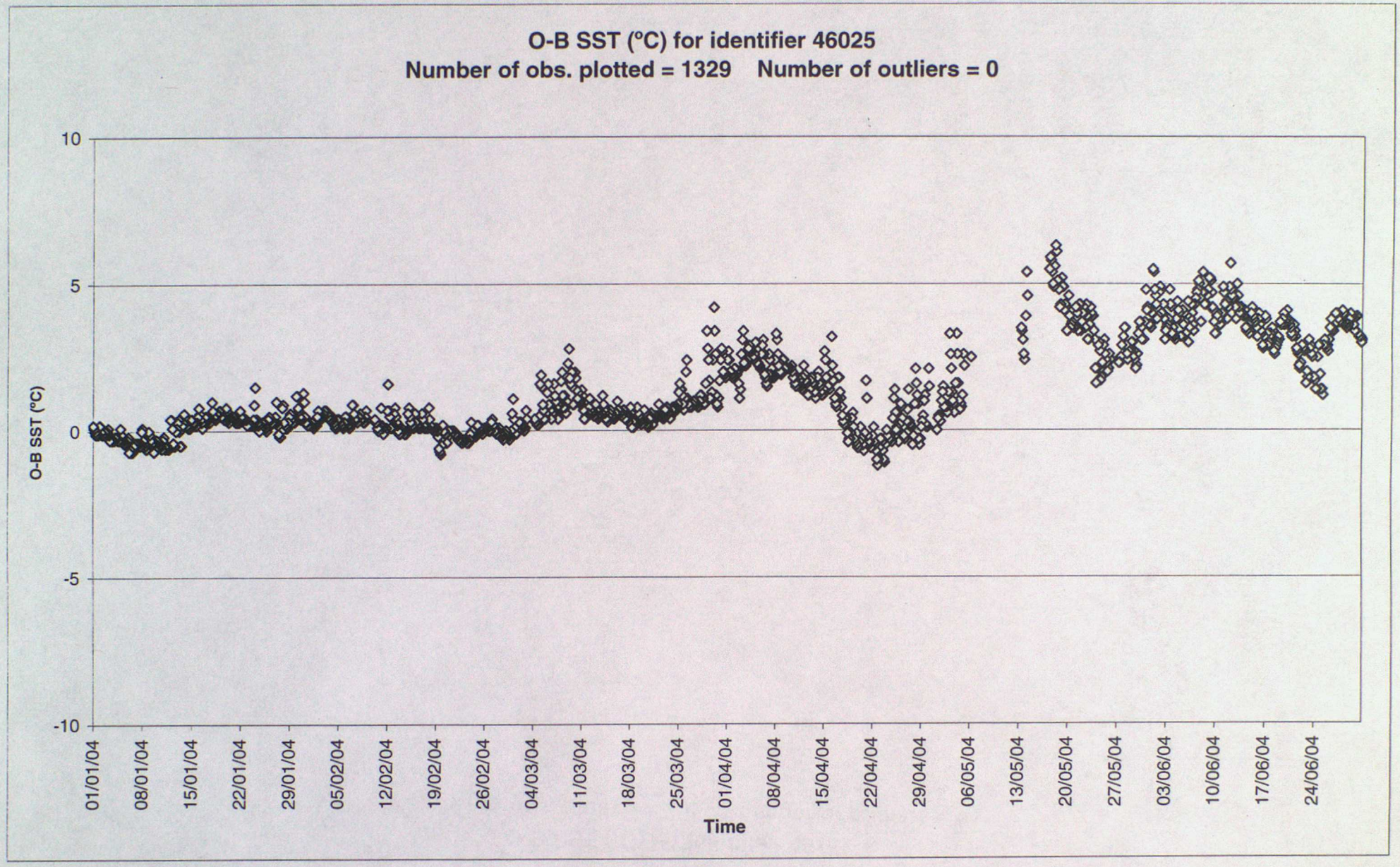
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 45149
Number of obs. plotted = 1246 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 45151
Number of obs. plotted = 704 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 46025
Number of obs. plotted = 1329 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 46061
Number of obs. plotted = 7976 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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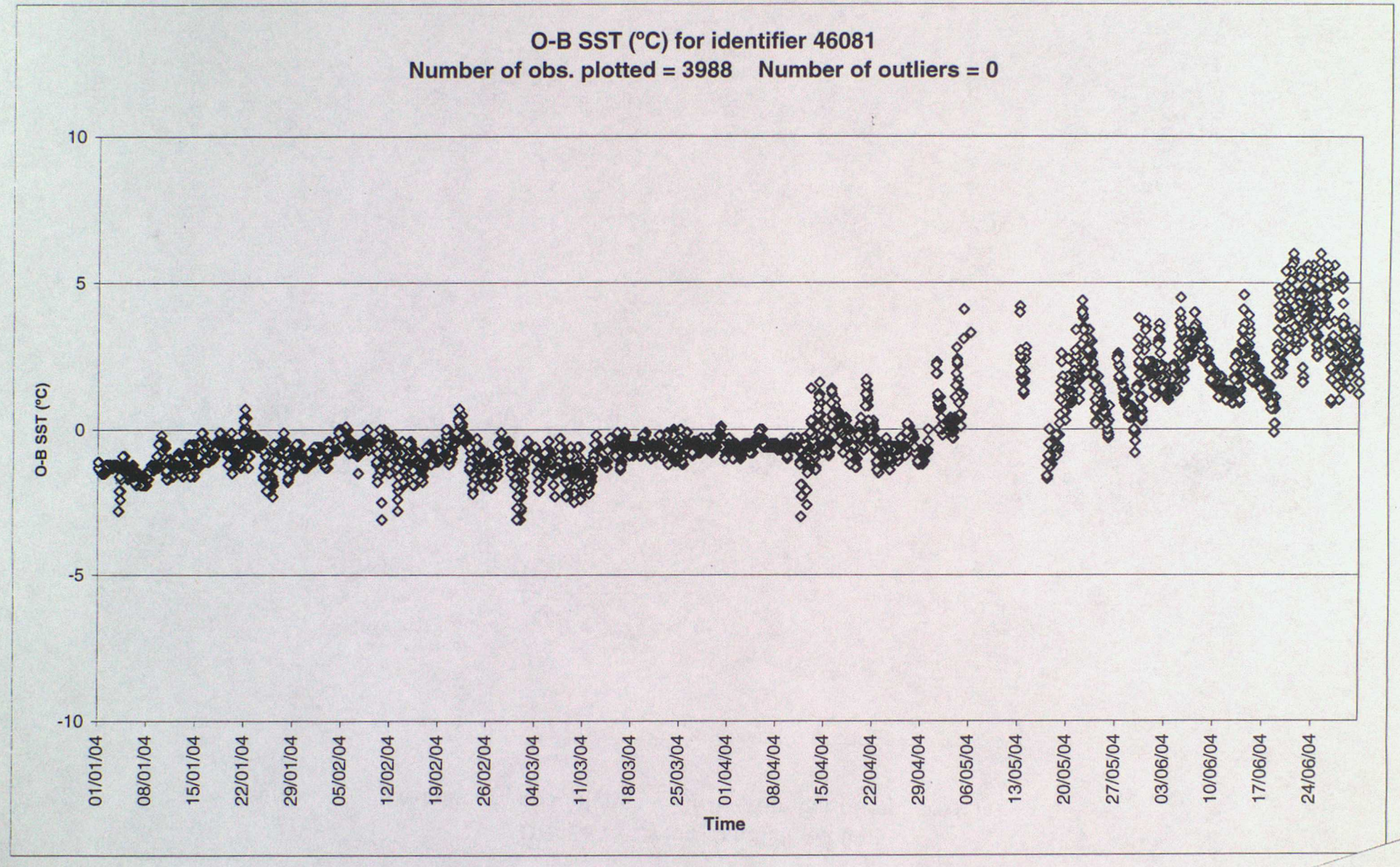
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 46081
Number of obs. plotted = 3988 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 46551
Number of obs. plotted = 168 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 46635
Number of obs. plotted = 2090 Number of outliers = 89
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 46657
Number of obs. plotted = 3819 Number of outliers = 3
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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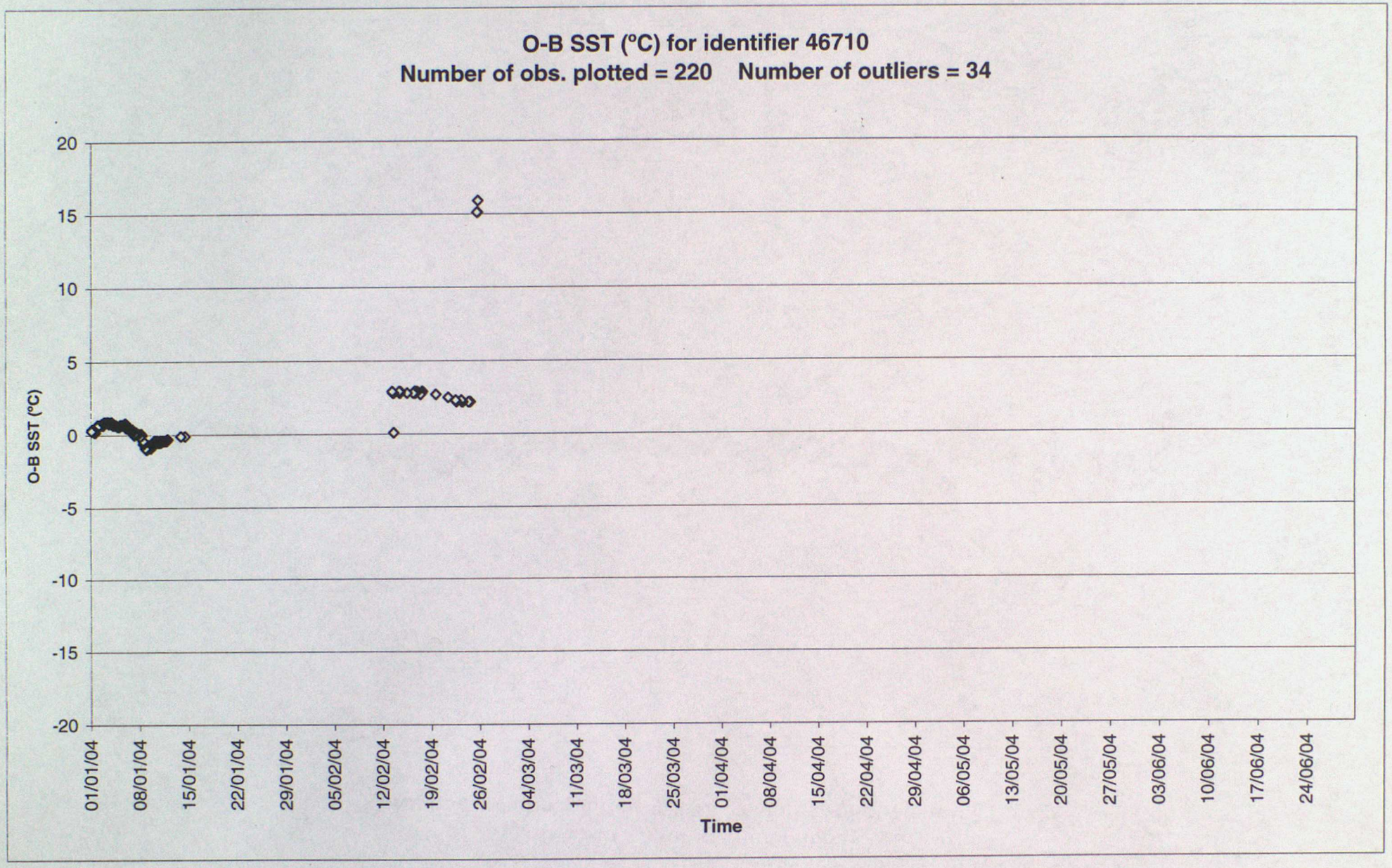
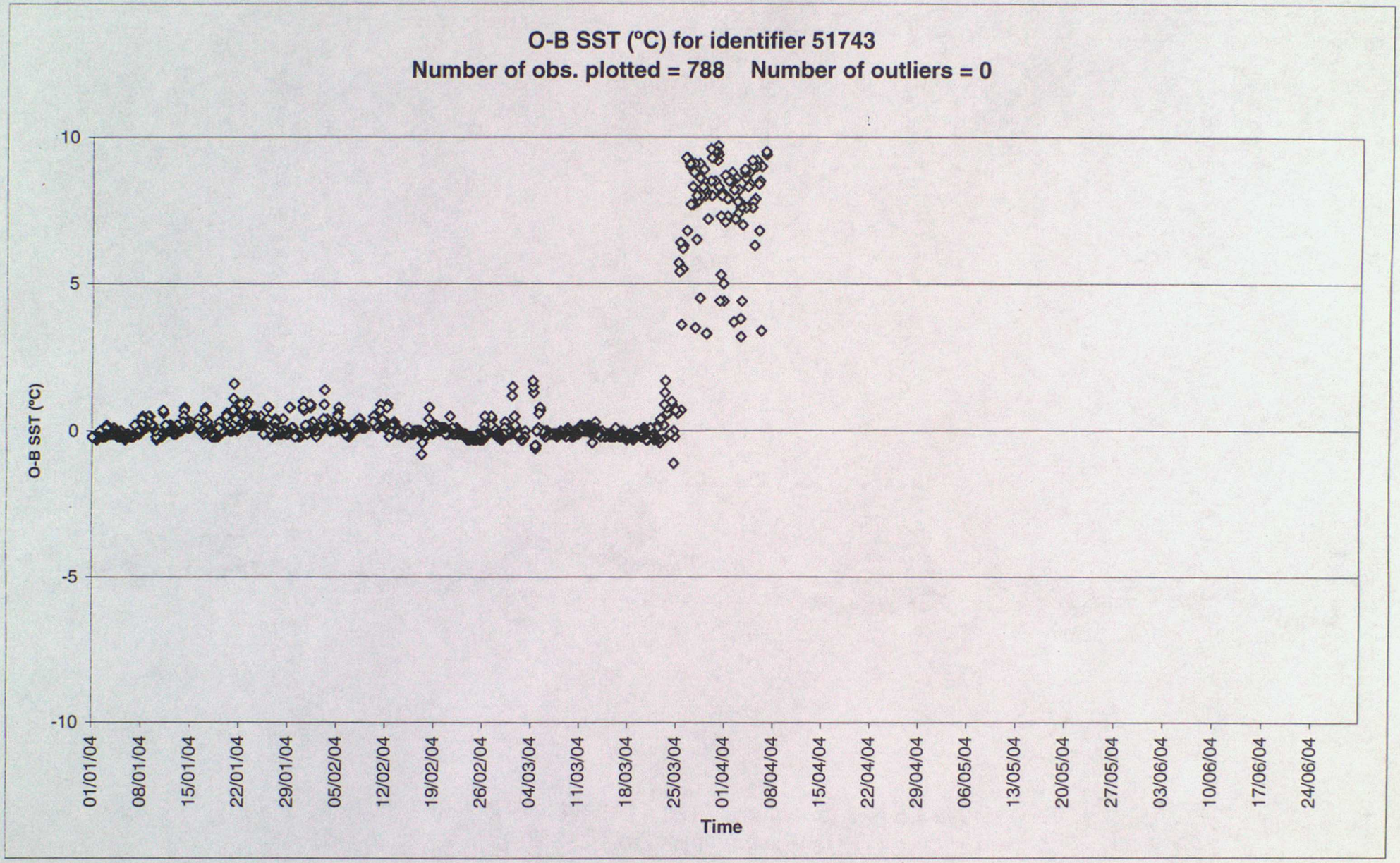
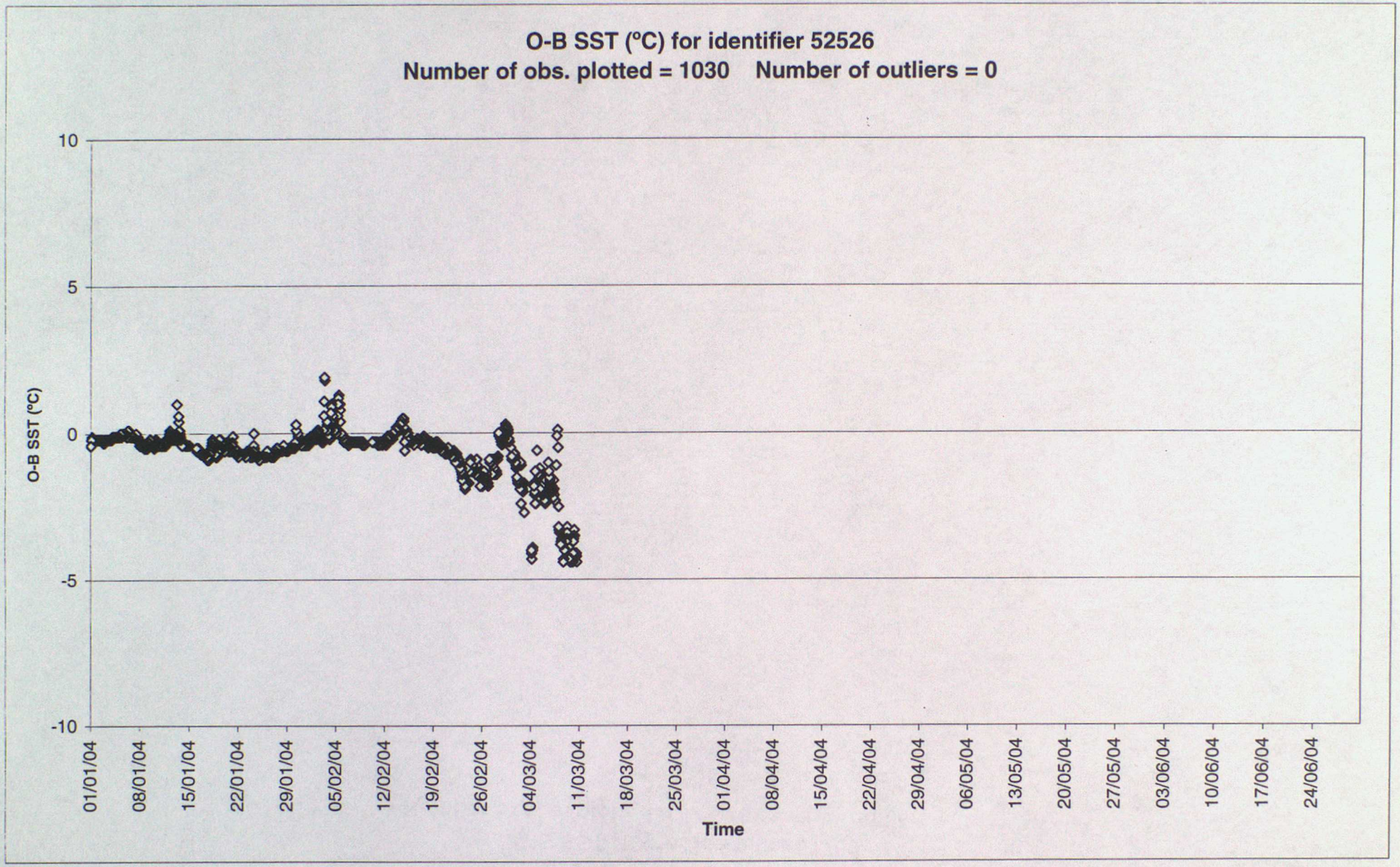
10/06/04
17/06/04
24/06/04

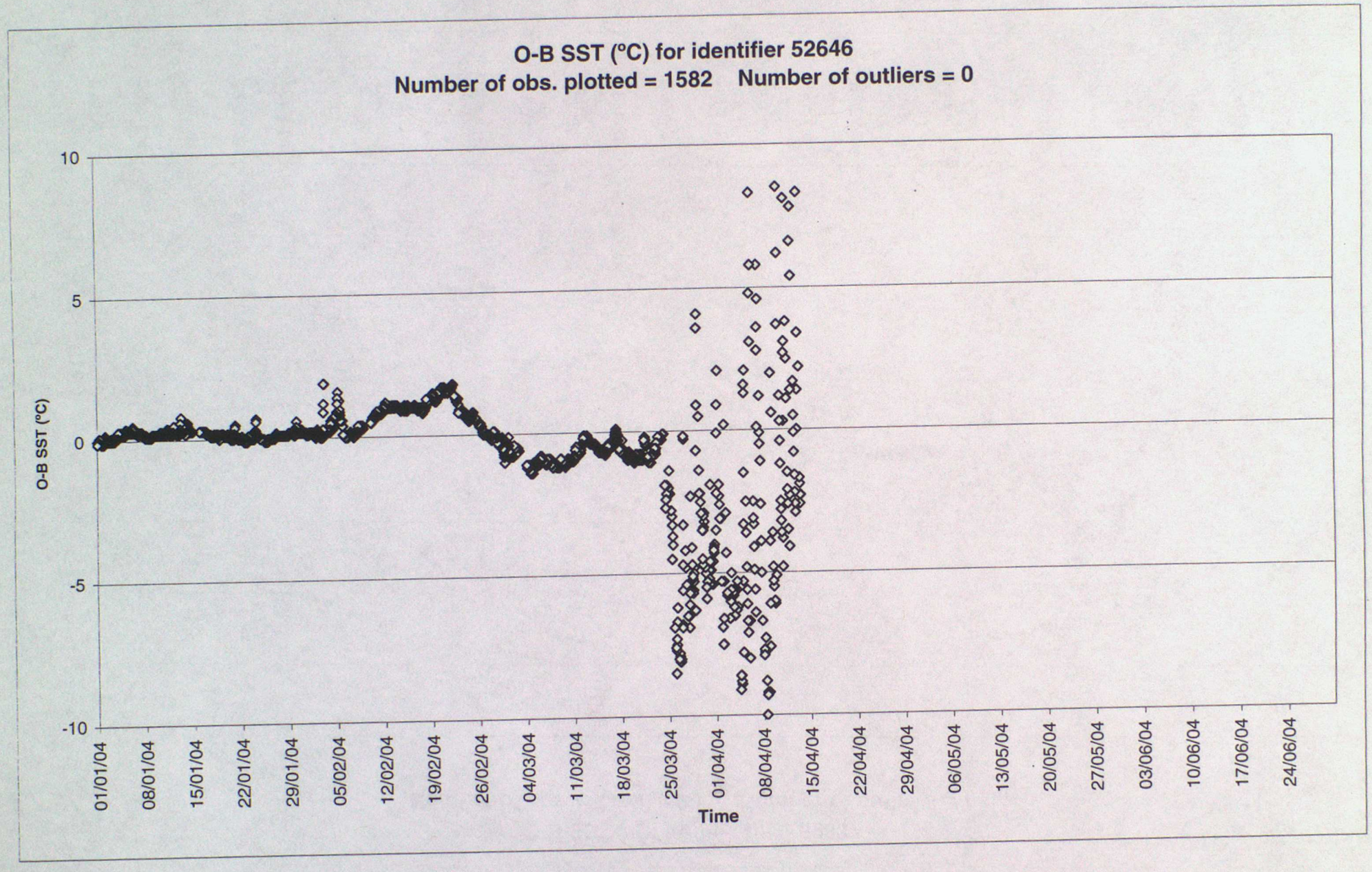

O-B SST (°C) for identifier 46710
Number of obs. plotted = 220 Number of outliers = 34
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

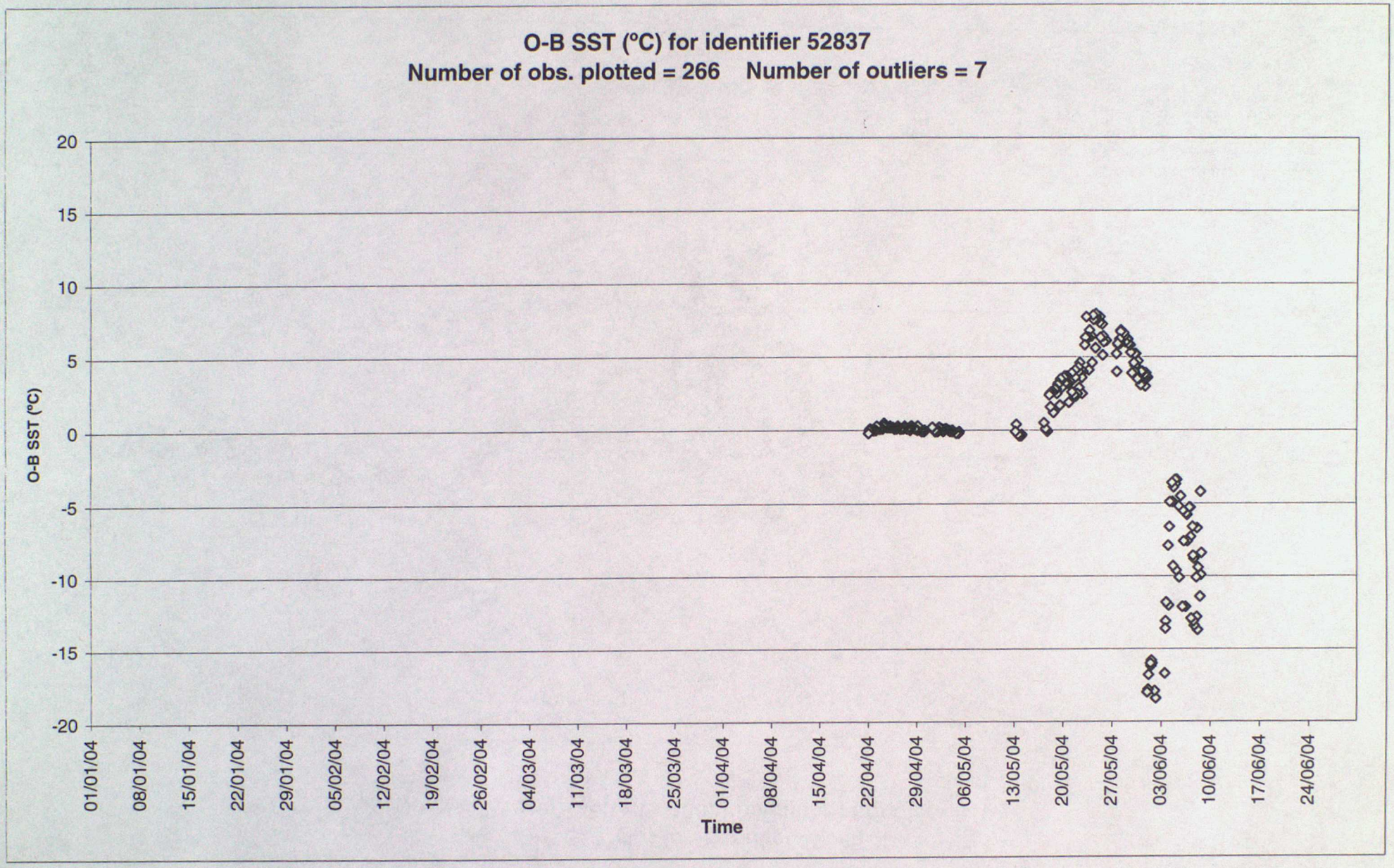
O-B SST (°C) for identifier 46972
Number of obs. plotted = 921 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

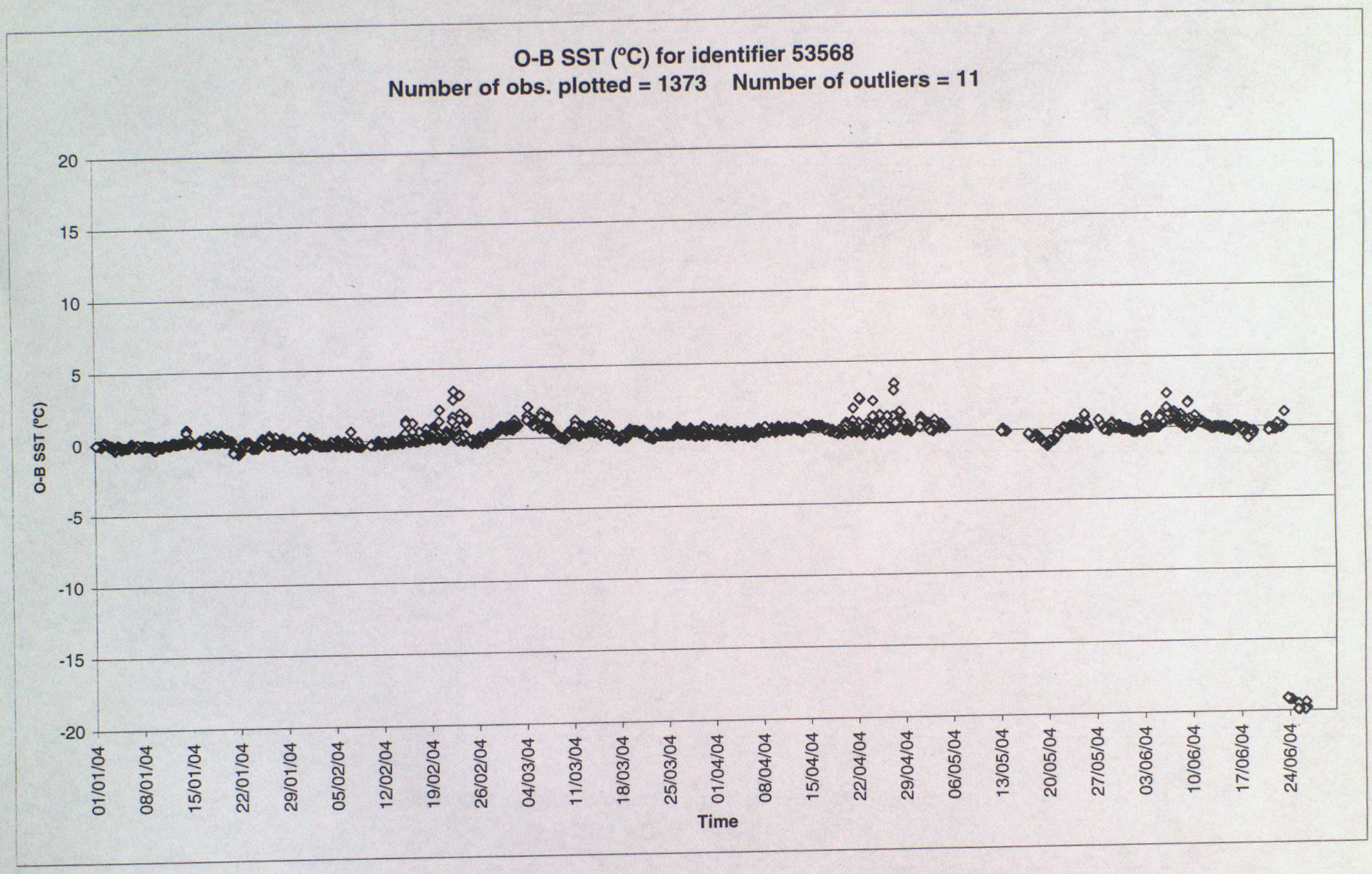

O-B SST (°C) for identifier 51743
Number of obs. plotted = 788 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 51769
Number of obs. plotted = 42 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 52526
Number of obs. plotted = 1030 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 52646
Number of obs. plotted = 1582 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 52837
Number of obs. plotted = 266 Number of outliers = 7
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time


O-B SST (°C) for identifier 53568
Number of obs. plotted = 1373 Number of outliers = 11
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 53591
Number of obs. plotted = 381 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 53594
Number of obs. plotted = 82 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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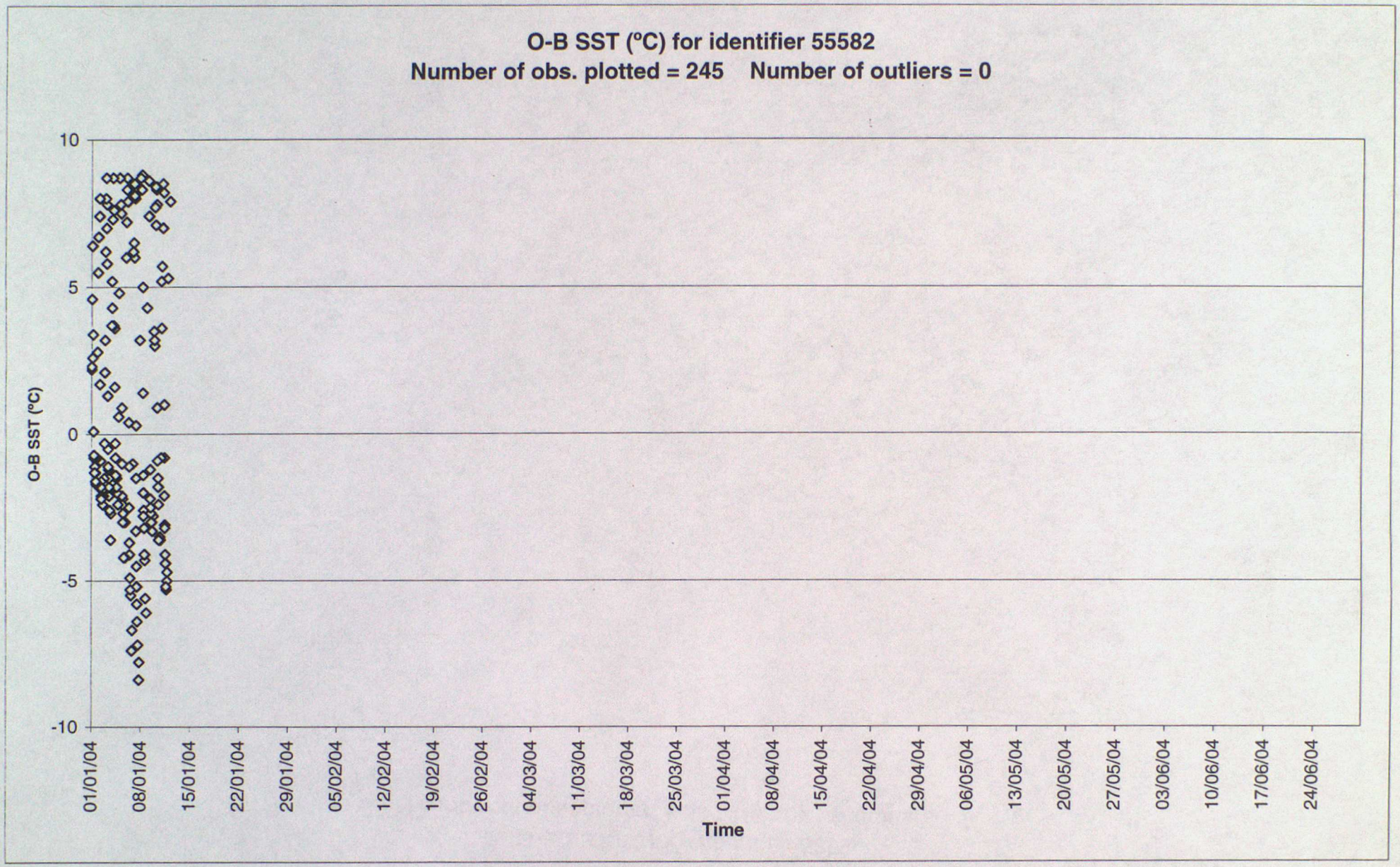
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 55582
Number of obs. plotted = 245 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 56528
Number of obs. plotted = 2049 Number of outliers = 108
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 56530
Number of obs. plotted = 193 Number of outliers = 21
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 56532
Number of obs. plotted = 908 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
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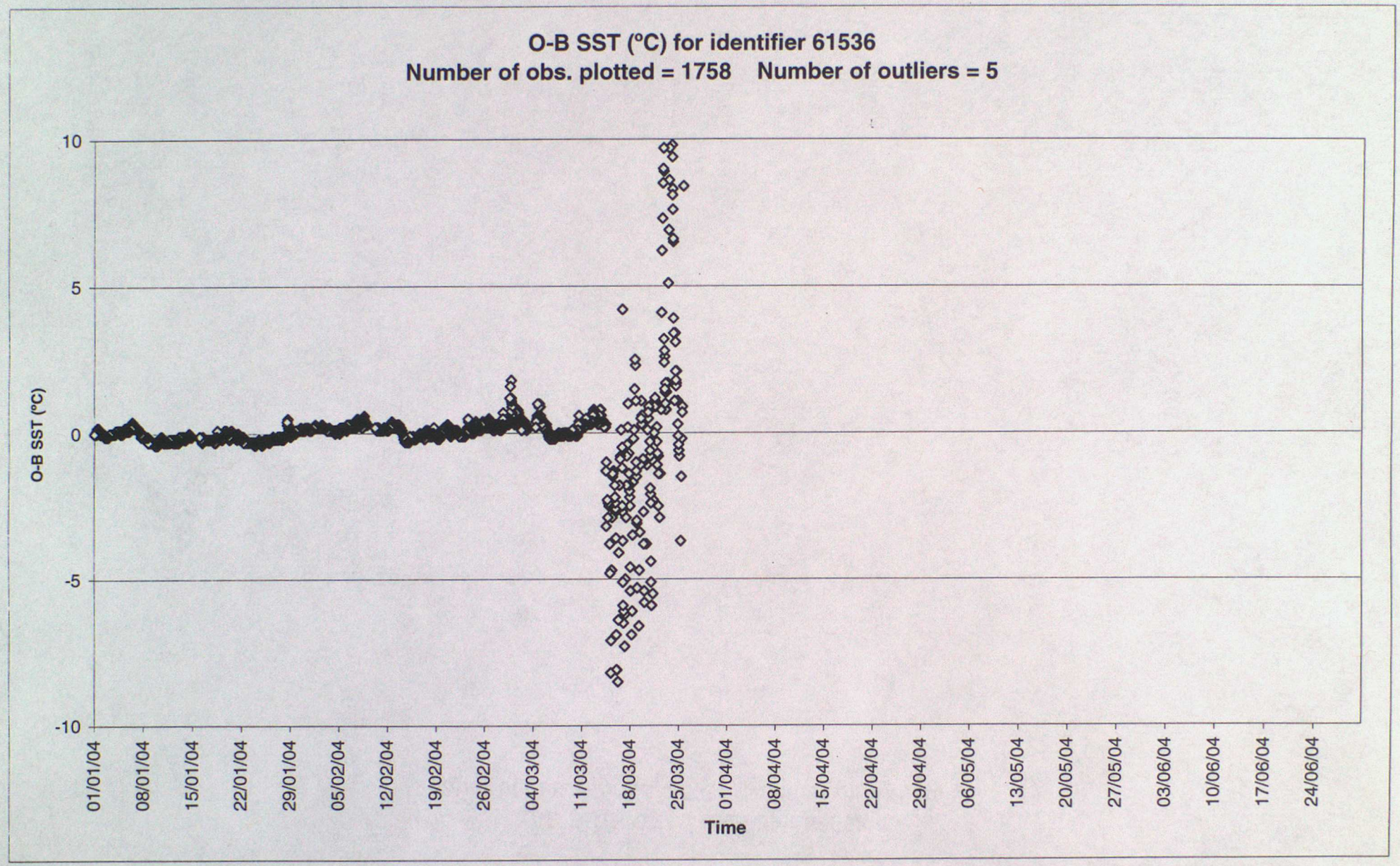
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 61536
Number of obs. plotted = 1758 Number of outliers = 5
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 62576
Number of obs. plotted = 1068 Number of outliers = 2
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
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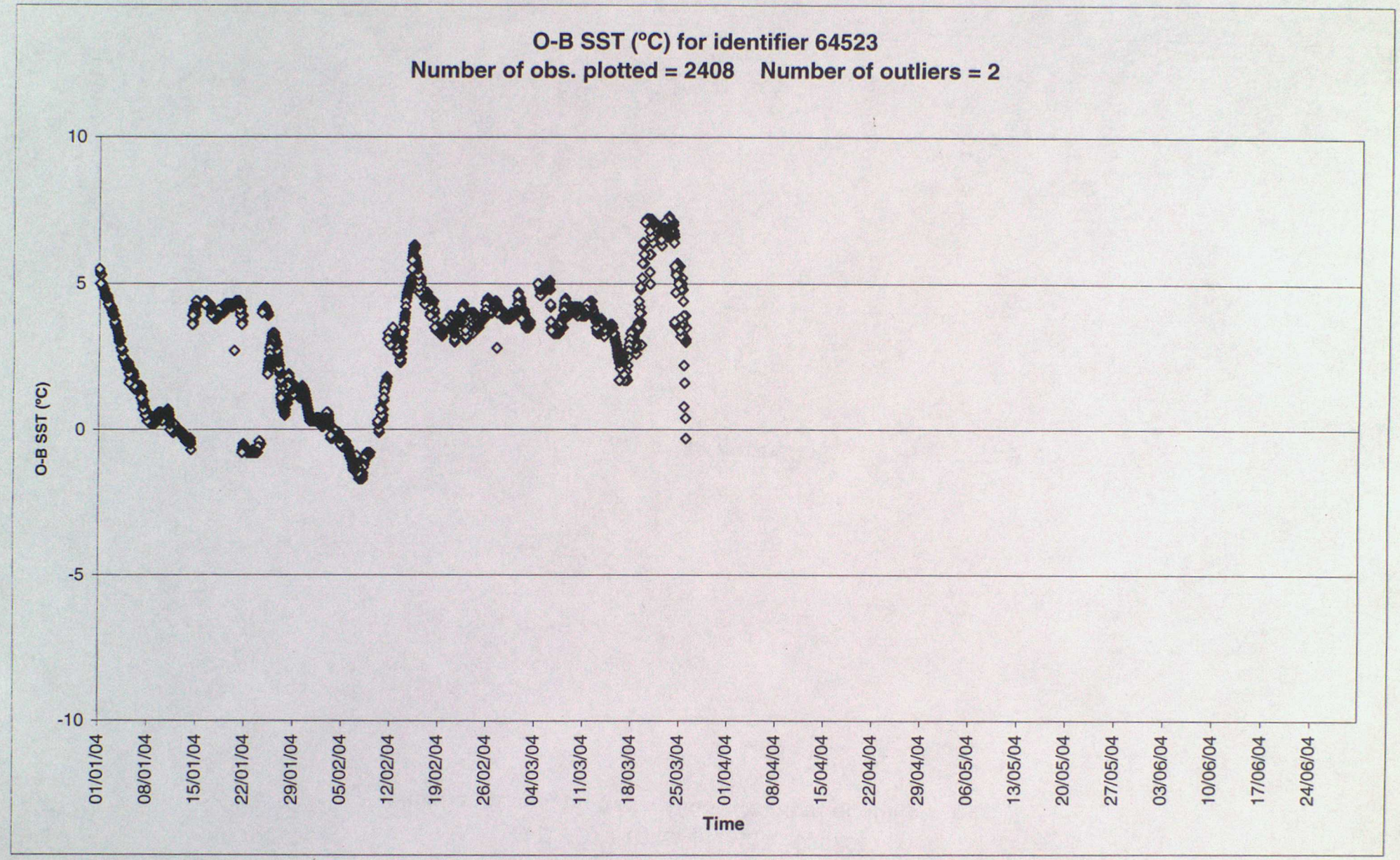
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 64523
Number of obs. plotted = 2408 Number of outliers = 2
10
5
0
-5
-10
O-B SST (°C)
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 65564
Number of obs. plotted = 613 Number of outliers = 31
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 65565
Number of obs. plotted = 436 Number of outliers = 17
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04

O-B SST (°C) for identifier 71615
Number of obs. plotted = 2654 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
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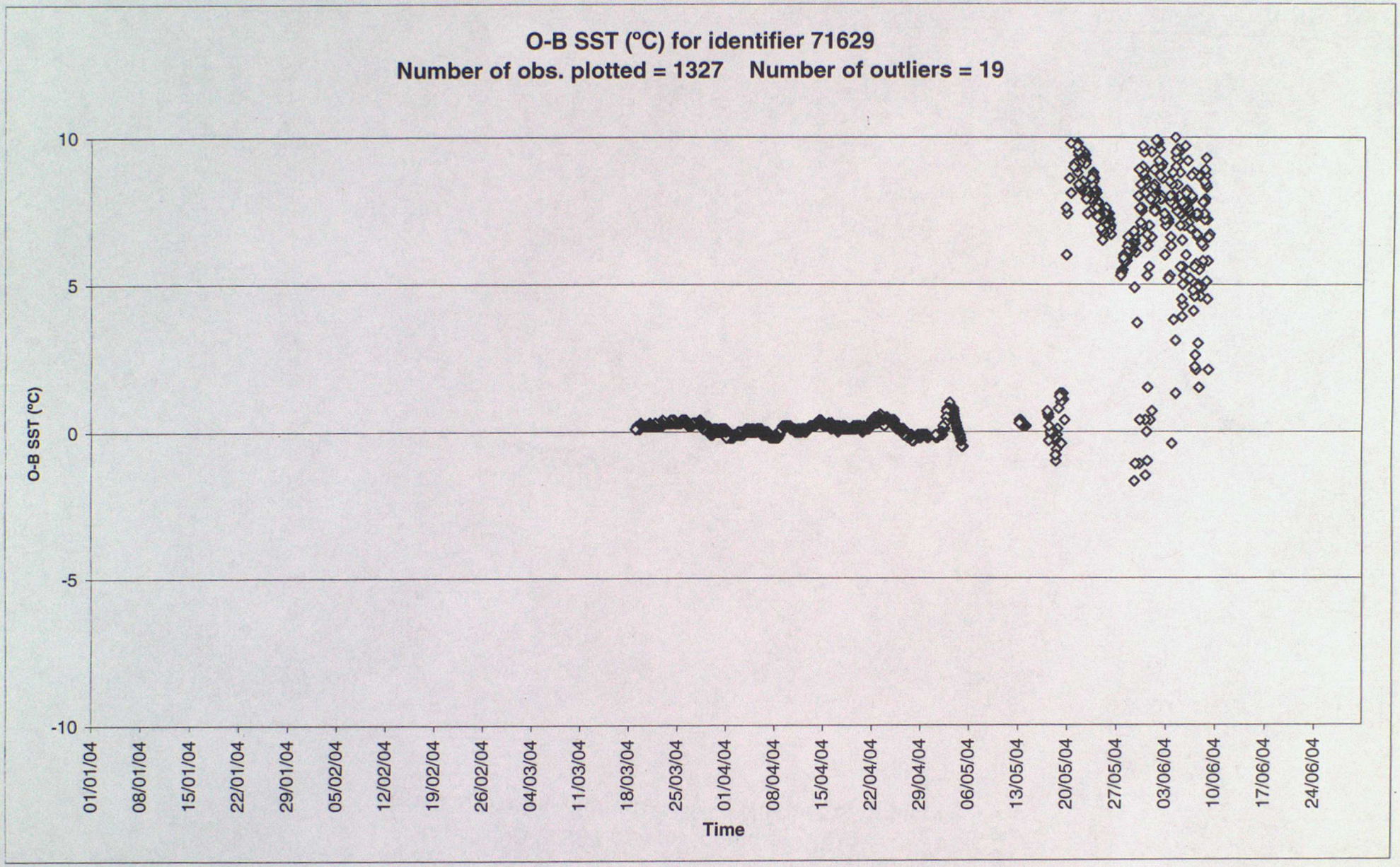
10/06/04
17/06/04
24/06/04


O-B SST (°C) for identifier 71629
Number of obs. plotted = 1327 Number of outliers = 19
O-B SST (°C)
10
5
0
-5
-10
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04
Time

O-B SST (°C) for identifier 9VNA
Number of obs. plotted = 41 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/04
08/01/04
15/01/04
22/01/04
29/01/04
05/02/04
12/02/04
19/02/04
26/02/04
04/03/04
11/03/04
18/03/04
25/03/04
01/04/04
08/04/04
15/04/04
22/04/04
29/04/04
06/05/04
13/05/04
20/05/04
27/05/04
03/06/04
10/06/04
17/06/04
24/06/04